Program Overview

- 03 Days
- 06 Modules
- Hands-on Exercises
- Software Training

Registration Details

For registration, fees, more details, visit

acupcb.spav.ac.in/capacity-building/edp_24_01/

Registration Deadline: 13 January, 2025 5.00pm

Accommodation will be provided on request

Executive Development Program Team

Coordinators

Dr. Arpan Paul Singh
Asst. Professor, SPA Vijayawada
(Principal Instructor)

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Patrons

Prof. Dr. Ramesh Srikonda
Director, SPA Vijayawada

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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

अमृत
**Atal Mission for Rejuvenation
and Urban Transformation**

**AMRUT Centre of Urban Planning
for Capacity Building
A-CUPCB-SPAV**

16-18
January 2025

An Executive Development Program on

PROJECT MANAGEMENT TECHNIQUES IN URBAN PLANNING

Organized by

योजना तथा वास्तुकला विद्यालय, विजयवाड़ा
School of Planning and Architecture, Vijayawada
An Institute of National Importance, Ministry of Education Gov. of India

acupcb.spav.ac.in

About the Program

The complexity of urban projects often involving diverse stakeholders, stringent regulatory requirements, and the integration of multiple functions necessitates strategic coordination and comprehensive oversight. Mastering project management equips professionals with essential tools to navigate these challenges, enabling systematic planning, execution, monitoring, and closure of projects.

The Executive Development Program on Project Management Techniques in Urban Planning is tailored to empower urban planners, engineers, and policymakers with advanced strategies for managing urban development projects. The program emphasizes practical, hands-on learning through continuous engagement with one or two live urban infrastructure projects in coastal cities, focusing on climate resilience. Participants will work on these projects using MS Project software in SPAV's state-of-the-art laboratories, gaining actionable insights into resource optimization, risk management, and delivering impactful urban solutions that address the pressing demands of contemporary cities.

This program aspires to nurture leadership and foster innovation, equipping professionals to adeptly navigate the complexities of urban transformation while championing sustainable and resilient development practices.

Programme Structure

DAY 1

Module 1

Introduction to Project Management and Planning
- Theoretical Understanding of the Project
- Methods of project prioritization – SAW/TOPSIS/AHP

Module 2

Scope Management and Work Breakdown Schedule
- Creating a Work Breakdown Structure (WBS)
- Task Dependencies and Constraints
- Introduction to Resource Assignment

DAY 2

Module 3

Project Scheduling and Resource Management
- Estimating Task Duration and Effort
- Task Constraints and Deadlines
- Critical Path Analysis and Dependencies

Module 4

Project Scheduling
- Project Floats
- Project Duration - CPM, PERT and Gantt Charts
- Allocation of Resources to activities

DAY 3

Module 5

Resource Management and Project Crashing
- Time and cost based project crashing
- Resource Smoothing and Levelling
- Defining and Creating Resource Pools
- Resource Utilization and Optimization

Module 6

Project Monitoring and control
- Earned Value Management
- Updating Schedules and Baselines

Outcomes

- Following this course, the participants will be able to describe a project life cycle, and can theoretically understand the concept of Project Management
- The participants will be able to apply the theoretical knowledge on real time projects using the MS Project Tool
- The participants will have knowledge to adopt, standardized project management frameworks

Targeted Audience

Urban and Regional Planners
Architects
Engineers
Academicians
Government Officials
Consultants
Policy makers
Researchers
Young planners