

## Program Overview

- 04 Days
- 08 Modules
- Hands-on Exercises
- 1.5 Credits Equivalent
- Software Training

## Registration Details

For registration, fees, more details, visit

Register here



[acupcb.spav.ac.in/capacity-building/edp\\_25\\_05/](http://acupcb.spav.ac.in/capacity-building/edp_25_05/)

Registration Deadline: 05 February, 2026 5.00pm

Accommodation will be provided on request

## Executive Development Program Team

### Coordinators

**Dr. Arpan Paul Singh**

Asst. Professor, SPA Vijayawada  
(Principal Instructor)

**Ar. Vijesh Kumar**

Asst. Professor, SPA Vijayawada  
(Principal Co-Instructor)

### Patrons

**Prof. Dr. Ramesh Srikonda**

Director, SPA Vijayawada

**Prof. Dr. Ayon K Tarafdar**

Head, A-CUPCB - SPAV

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**09-12  
February 2026**

An Executive Development Program on

# PROJECT MANAGEMENT TECHNIQUES IN URBAN PLANNING

Organized by



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## 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

**Project Management in Planning**  
**Methods for Prioritization of Projects**

#### Module 2

#### Scope Management & Work Breakdown Structure

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

### DAY 2

#### Module 3

#### Project Scheduling

- Estimating Task Duration, Effort, Constraints & Deadlines
- Critical Path Analysis and Dependencies

#### Module 4

#### Risk and Uncertainty in Schedules

- Building a Risk Register
- Schedule Risk Techniques

### DAY 3

#### Module 5

#### Resource Management

- Resource Assignment, Conflicts & Levelling
- Resource Pools, Utilization & Optimization

#### Module 6

#### Costing, Budgeting and Project Crashing

- Cost Setup : rates, fixed vs variable, cost accumulation
- Schedule Optimization: trade-offs, risk impacts

### DAY 4

#### Module 7

#### Project Monitoring and Control

- Earned Value Management
- Tracking Progress & Variance Analysis

#### Module 8

**Communications and Stakeholder Reporting**  
**Mini-Capstone Project**

## 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