

## Blue-Green Infrastructure in Practice: From Spatial Analysis to Planning and Design Strategies

Organised by: AMRUT Centre of Urban Planning for Capacity Building, SPAV

16-20 NOVEMBER 2026

Venue: SPA Vijayawada Campus

### About the Program

As climate change and rapid urbanisation intensify water-related challenges in Indian cities, Blue-Green Infrastructure (BGI) offers an effective nature-based approach to enhance urban resilience and sustainability. This one-week Capacity Building Programme introduces the principles, planning, design, and implementation of BGI through expert lectures, case studies, field exposure, and practical learning. The programme covers BGI applications across multiple scales, from urban planning to neighbourhood design, and highlights strategies for integrating water-sensitive and ecological solutions into the built environment. It also explores policy frameworks and emerging technologies that support climate-resilient urban development, equipping participants with the knowledge to apply BGI concepts in research and professional practice.

### Who can Attend

Planners, Government officials, Urban local bodies, Policy-makers, Environmental engineers, Non-governmental organizations (NGOs), Academics and researchers in the field of architecture, planning, engineering, geography and allied fields,

### About ACUPCB

The AMRUT Division of the Ministry of Housing and Urban Affairs (MoHUA), Government of India, has recognized SPA Vijayawada as one of the select centers across the nation designated to conduct advanced, cutting-edge research, projects, and training programs focused on urban planning and climate-sensitive development.

**CALL FOR PARTICIPATION**  
5 DAYS | 16 SESSIONS | 40 CONTACT HOURS  
2 CREDIT EQUIVALENT

- Day 1: Foundations of Blue-Green Infrastructure and Urban Flood Modelling
- Day 2: BGI Mapping, Spatial Analysis, and Urban-Scale Planning
- Day 3: Neighbourhood-Scale BGI Planning and Hydrological Modelling
- Day 4: BGI Implementation, Field Applications, and Scenario Analysis
- Day 5: BGI Policy, Emerging Technologies, and Integrated Design Applications

### Coordinated by

**Dr. Shanmuga Priya G**  
Principal Trainer  
Prof., Dept of Architecture

**Dr. Anurag Bagade**  
Principal Co-Trainer  
Assistant Prof., Dept of Planning

**Mr. Shubham S. Magre**  
Trainer  
Assistant Prof., Dept of Planning

### Patrons

**Prof. Dr. Ramesh Srikonda**  
Director, SPA Vijayawada

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



For Registration, Fees and other details, visit our website:  
[www.acupcb.spav.ac.in](http://www.acupcb.spav.ac.in)  
[https://acupcb.spav.ac.in/cbp\\_26\\_03.php](https://acupcb.spav.ac.in/cbp_26_03.php)

