

Executive Development Program

Target Audience

- Urban Planners
- Architects
- Engineers
- DTCP & Municipal Planners
- Municipal Engineers
- Development officers
- Academicians
- Researchers
- Students

3 Days | 9 Sessions

24 Contact Hrs | 1.5 Credit Equivalent

11TH - 13TH
DECEMBER
2025



APPLICATION OF GEOSPATIAL TECHNIQUES FOR SPATIAL PLANNING



- Fundamentals of Remote Sensing and GIS
- Satellite based Remote Sensing – Image Procurement and Resolutions
- Drone-Based Remote Sensing: Urban Management Applications

DEC
11
2025



- GIS Data Characteristics: Understanding Structure, Accuracy, and Usability
- Base Map Preparation in Compliance with AMRUT Guidelines
- Integration Techniques: Layout Plans and Revenue Maps with Base Maps

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12
2025



- Building Spatial Data Infrastructure: Practices and Standards
- Editing & Publishing Geospatial Data Online
- Geospatial Techniques for Thematic assessments in Urban Environments

DEC
13
2025



About the Program

This 3-day training program enhances participants' skills in Remote Sensing and GIS for urban planning, with a focus on AMRUT guidelines. It covers fundamentals of GIS, spatial data infrastructure, satellite and drone data applications, base map preparation, and online publishing of geospatial data. Participants will also gain hands-on exposure to advanced techniques like land use mapping and thermal assessment of urban environments.

Patrons

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Head A-CUPCB SPAV

Coordinated by

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