

# School of Executive Education

## Certificate Programme in Application of GIS, Remote Sensing and Drone Technology

NICMAR Executive Education offers specialized training programme in Application of GIS, Remote Sensing and Drone Technology for Urban & Regional, Environmental, Transport, Infrastructure Planners, Mid-level Government Officers and Civil/ Public Health Engineers.

### Programme Overview:

This certificate programme focuses on developing Green Skills pertaining to mapping and Digital Cartography with advance technologies .

The duration of the programme is 5 days months and is distributed in 5 modules with suitable number of subjects.

### Module 01:

Introduction to GIS, RS and Q-GIS User Interface

### Module 02:

Georeferencing, Digitalisation and Basemap Preparation

### Module 03:

Print Layout, Settings and Suitability Analysis

### Module 04:

Spatial and Raster Data Analysis

### Module 05:

Remote Sensing and Drone Technology Usage

**Mode of delivery: On-campus @ Pune**

**Dates of the Programme: April 7-11, 2025**

### Programme Highlights:

- Interactions with Academia and Industry experts.
- Hands on experience in Applications of GIS.
- Practicals on use of Ongoing Project Data with Case Studies.
- Advancements like Web-based & Mobile based GIS, GPS/DGPS, Drone Technology and it's use in Planning and Environment Management.

### Eligibility:

Officials of the planning department (Town and Country planning, Rural planning, Regional Planning and related fields.

### Certificate:

On successful completion all participants shall be awarded the Participation Certificate in "Application of GIS, Remote Sensing and Drone Technology".

For additional information, please contact:

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Drone Technology Program

