



**nrsc**

3-Day Training Programme on

## Bhuvan Overview

December 09–11, 2025

National Remote Sensing Centre (NRSC)  
Indian Space Research Organisation (ISRO)



Organised by:

**Bhuvan Geoportal and Web Services Area**  
NRSC–ISRO, Hyderabad, Telangana

### About NRSC

The **National Remote Sensing Centre (NRSC)** is one of the primary centres of **ISRO**, under the **Department of Space (DoS)**.

NRSC is responsible for:

- Satellite data reception, processing, and dissemination
- Development of remote sensing techniques and geospatial applications
- Disaster management support and national geospatial services
- Capacity building for professionals, researchers, and students

NRSC operates from multiple campuses across India to meet the national and regional needs for remote sensing data and applications.

### About Bhuvan

**Bhuvan**, India's national geospatial platform developed by **ISRO** and launched in **2009**, is a state-of-the-art system integrating diverse geospatial datasets, services, and tools under a unified framework.

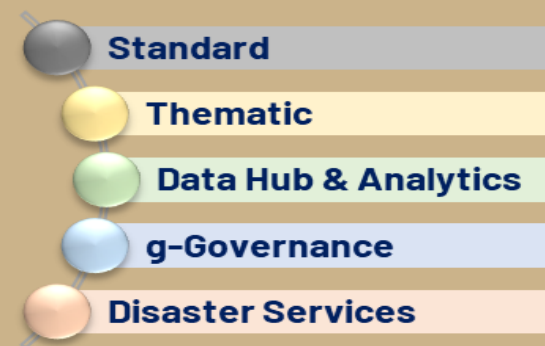
Designed with a strong user-centric focus, Bhuvan provides:

- Multi-resolution satellite data (56 m to 1 m) and thematic information on land, water, and other resources.
- Powerful visualization and analytical tools for informed decision-making.

- Access to value-added datasets and data downloads aligned with the **National Geospatial Policy, 2022**.
- Integration with **OGC-compliant map services** and APIs.
- A single gateway to over **195+ governance and disaster management applications**.

With its robust capabilities, Bhuvan simplifies access to geospatial information, supporting applications in planning, resource management, research, and citizen services.

### Bhuvan NextGen in 5 modes



### Objective of the Training

This training programme aims to provide a comprehensive overview of the **Bhuvan Geo-Platform**, including its core functionalities and practical applications.

Participants will learn about:

- Visualization and download of satellite and thematic datasets
- Map services and APIs for geospatial integration

- Data analytics and data science tools
- Mobile applications and crowdsourcing modules
- Governance and disaster support solutions

Hands-on sessions and live demonstrations will ensure participants gain practical experience in using Bhuvan effectively.

### Training Structure

#### Day 1: Core Bhuvan

Overview of Bhuvan as ISRO's geospatial portal; data hub of satellite datasets; thematic data and APIs; mobile apps for field data collection; demonstrations and hands-on sessions.

#### Day 2: Data Analytics & Applications

Bhuvan data analytics; applications in water resources, urban studies, land resources, and agriculture; governance-based solutions; demonstrations and practical exercises.

#### Day 3: Advanced Applications & Collaborations

Portals for Earth, Climate, and Disaster Services; Bhuvan Earth and Climate Studies; Bhuvan Disaster Services; Bhoonidhi; Bhuvan for Academia and Industry; infrastructure modules; demonstrations and hands-on activities.

### Target Participants

The programme is open to:

- In-service officials from **Central and State Governments, PSUs, and Autonomous Organisations**

- Faculty members, research scholars, and students from academic and research institutions (Bachelor's degree or above)
- Professionals from **Private Sector** and **NGOs** involved in geospatial applications

### Number of Seats & Eligibility

**Total Seats:** 40 (for Indian nationals only)

**Course Fee:** *No registration fee; participation is free of cost.*

### Registration Details

- **Apply Online:** <https://bhuvan-app1.nrsc.gov.in/bhuvanoverviewtraining/>
- **Application Window:** *November 14 (00:00 hrs) – November 24, 2025 (23:59 hrs)*
- Applicants must upload a **sponsorship letter** from their institute/organization.
- **Offline applications will not be accepted.**

For assistance, write to:  
**bhuvan[at]nrsc[dot]gov[dot]in**

### Accommodation

Lodging and boarding will be provided to all participants at the **NRSC, Shadnagar Campus**, in well-furnished double occupancy hostel rooms.

Local candidates may be considered for accommodation subject to availability.

*Accommodation and transport will not be provided for accompanying persons.*

### Location & Accessibility

**Venue:** NRSC, Shadnagar Campus, Annaram Village, Telangana

Located on the outskirts of Hyderabad, the campus is well connected by **road and rail**. Hyderabad city is accessible via air, rail, and national highways.

