https://bhuvan.nrsc.gov.in/

3-Day Training Programme on

Bhuvan Overview

December 16–18, 2026

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

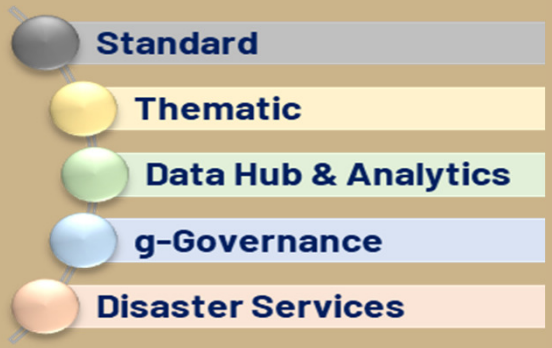
Bhuvan, India's national geospatial platform developed by **ISRO** and launched in **2009**, is a state-of-the-art system integrating diverse geospatial datasets, services, and tools under a unified framework.

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

Empowering India through Space-Based Geospatial Intelligence

- 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 08 (00:00 hrs) – November 24, 2026 (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.

https://bhuvan.nrsc.gov.in/

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.



