

Bhuvan: Your Gateway to Geospatial world

Bhuvan is an online Geoportal launched in 2009 and started by providing images and map visualization services of the Indian subcontinent. Since then, it has diversified into versatile viewing platform with capabilities such as providing 2D/2.5D/3D photo-realistic textured pictures draped on image-based footprints providing a unique viewing/animation experience, full-fledged interactive thematic services and free data downloads from NRSC Open Earth Observation Data Archive (NOEDA). More than 20,000 unique visitors logon to Bhuvan every month so far about 2,98,000 free products are downloaded by users across the globe.

Bhuvan has initiated many major applications with various ministries. For example, urban master plan formulation for Ministry of Urban through Bhuvan-NUIS portal, planning and monitoring portal Bhuvan-IWMP under the flagship program on Integrated Watershed Management Program (IWMP) etc. Bhuvan applications in Forestry, particularly with reference to Karnataka and Himachal Pradesh States, Tourism, Municipal GIS and Urban sectors have been well demonstrated. Bhuvan -APSHCL portal has been very popular for geo-tagging of houses constructed by the Andhra Pradesh State Housing Corporation wherein 1.6million houses are geo-tagged in less than 2 months duration. Bhuvan successfully provided support for planning and monitoring of polling in Andhra Pradesh during General Elections 2014 through varieties of applications.

Bhuvan has already released State Geoportals for 10 Indian States and is regularly enriching them through collaborative approach. There will be a special focus on the expansion of services which would result in a massive scale-up of the operations that full fills the requirements of the respective Ministries and Departments. Bhuvan-Panchayat has been released for enabling Decentralized planning at Panchayat level through the Ministry of Panchayat Raj.

In order to have robust platform, Bhuvan has implemented distributed architecture with 4 additional servers facilities at Regional Centres of NRSC distributed in different regions in country.

Training on Bhuvan

The two days training on Bhuvan will enable participants to familiarize with entire functionalities and utilities of Bhuvan, increase awareness on Bhuvan, share services and collaborative applications, initiate government and other organizations to collaborate with Bhuvan and attract Public/Academicians to participate in crowd sourcing.

Who can Apply?

In service officials from Central/State Governments, PSU, Autonomous Organizations, Private / NGOs and faculty from Academic institutions, having Bachelor's Degree can apply.

Students and Research Scholars from Academic Institutions can also attend by forwarding sponsorship form duly attested by research guide/professor.

Please note that Laptops, Cameras, digital media/pen drives not allowed in NRSC campus.

Course Content:

The training comprises of an overview of all the functionalities on Bhuvan like Visualization, Data down load, services provided, Map services, crowd sourcing, API and Applications carried out for Ministries & State Government departments and Disaster Support Services on Bhuvan etc., including Hands-on exposure on Bhuvan portal.

How to Apply:

1. There is no fee for attending the 2-days training. However, the TA/DA and local conveyance are to be met by participants.
2. Those who are interested can register for training through on-line registration. The admissions will be on first come first serves basis. Please download Application and Sponsorship form available in this website for use.
3. Apply before last date.
4. For outstation participants, accommodation can be provided at NRSC Guest House-II located inside the campus on twin sharing basis @ Rs.25/- per day person on submission of sponsorship certificate.
5. The duly filled Application and Original sponsorship form can be submitted while joining the course. Please send scanned document of sponsorship form through email to bhuvan_training@nrsc.gov.in (size not exceeding 2MB)
6. For any clarification please contact bhuvan_training@nrsc.gov.in