

Training Programme on Geospatial Technologies & Applications

01-05 July
2024
at **Hyderabad**

Brief about the Course

In a frame work of National Geospatial Policy-2022, ISRO, Department of Space is conducting one-week training on Geospatial Technologies and Applications to various Geospatial domains. The targeted participants include various user communities including ministries of Central and State Government, PSUs, Autonomous Bodies and Faculties from Academic Institutes as an initiative of capacity building in space domain.

ISRO is the lead space agency for conceiving the geospatial requirements of the country and design the payloads for meeting the demands in terms of providing satellite data. It is also carrying inhouse research engaging with user ministries and academia to develop various applications in the geospatial domain. National Remote Sensing Centre – Hyderabad, Space Applications Centre-Ahmedabad, Indian Institute of Remote Sensing - Dehradun, North-Eastern Space Applications Centre-Shillong are the primary institutes to impart and disseminate the knowledge to various stake holders on demand basis.

Now, ISRO is focussing on building the capacity across the country in not only government departments, but also in the private sector, academia, startups and educated youth. The aim of this training is to create an awareness and motivate the talented to make remote sensing as a profession, that contributes to the overall economy of the country popularising the geospatial applications.

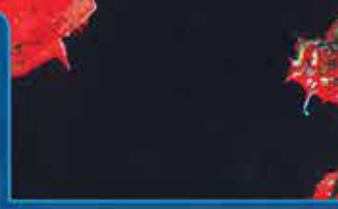
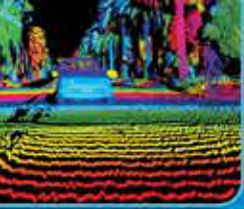
Topics covered in the programme

THEORY SESSIONS

Fundamentals of Remote Sensing and UAV technology
Geographic Information System, GNSS and Land Surveying
Hyperspectral, Microwave, Thermal & LiDAR Remote Sensing
Emerging Geospatial Technologies
Geo Science Applications
Agriculture and Soil
Urban and Regional Planning
Forest Resource Applications
Marine and Atmospheric Science Applications
Water Resources
Natural Disaster and their Management
Rural Development

PRACTICE SESSIONS

Image interpretation and Classification
GIS Software, Data Sources & Geo Portals
Advances in Geo Spatial Technologies-AL, ML, DL Cloud GIS Applications



Date & Venue

July. 01 - 05, 2024

NRSC Outreach Facility
National Remote Sensing Centre, (NRSC)
Near Dulapally Crossroads,
Jeedimetla, Hyderabad - 500015
e-Mail: training@nrsc.gov.in

Accommodation

At Hyderabad

📍 NRSC Guest House/Hostel 📞 Ph: 040-2388 4530/4195
NRSC Campus, Balanagar
Hyderabad-500 037
✉ e-Mail: pro@nrsc.gov.in

Tuition Fees

₹10,000/- per participant (non-refundable)

Accommodation on shareable basis on request will be provided at ISRO Guest House.

Mode of Payment

The Tuition fees should be paid through <https://bharatkosh.gov.in> or Demand Draft in favour of "Sr. Accounts Officer, ISRO Headquarters" payable at Bengaluru.

Steps to make payment to DOS/ISRO HQ through Bharatkosh portal.

- Visit the Bharatkosh website: <https://bharatkosh.gov.in>
- Home > Quick Payment > Ministry/Department: <Select> **038 SPACE**
- Purpose: <Select> **Training Charges**
- PAO: 061100-Sr. Accounts Officer-II ISRO HQ
- DDO: <Select> **200977** Sr. Accounts Officer, ISRO Headquarters Bengaluru
- Amount: <Enter> **10000**
- Remarks: <Enter> **GSTA Training Fee**
- Enter **Captcha**
- Press **ADD**
- Press **Next**
- Fill in Depositors Detail all mandatory fields
- **Name** <Enter> Candidate's Name
- Select **Online payment**
- Choose payment gateway either **Net banking or UPI**
- **Download the payment Receipt**

Online receipt need to be sent to sracctsoffisrohq@isro.gov.in with a copy to cbpo-trg@isro.gov.in for confirmation of participation.



Indian Space Research Organisation

Capacity Building & Public Outreach, Bengaluru 560094