

⁵ Day Training on Introduction to Geospatial Technologies

(June 13 - 17, 2022)



Brief:

Knowledge of where, what and why? have become the norm of the current technological world. As location based information, services and utilities continue to grow the demand for geospatial data, its processing and dissemination is ever increasing. Geospatial Technology is at the cusp of Technological Revolution that primarily benefits from the advances made in Remote Sensing (RS), Geographic Information System (GIS), and Global Positioning System (GPS) and state of the art communication (IOT) systems.

Data acquired by Remote Sensing serves as a record to map, extract and interpret the patterns and spatial relationships of the surface objects. In a GIS environment, maps, imagery and vector data along with attributes could be combined to model and transform the data into actionable intelligence and building geographic databases. Applications are now using location information to provide on the go advisories to people. From tracking location to analyzing customer centric data, location based services have grown beyond their conventional capabilities.



Spatial content generation its reliability and outreach is significant in today's on-the-go world. Mobile phones and communications have revolutionize how people interact in real time. The outputs are invaluable for informed decision making that is key for development and governance.



Webinar Focus

The 5-day training aims at providing an overview of Remote sensing, Image Processing, GIS, Digital Photogrammetry, GPS, Bhuvan web services and mobile applications that form core components. Exposure to these concepts will benefit the users to build their knowledge base in core Geospatial concepts towards application development.

Eligibility & Selection

Applications are invited from working professionals of State Government / Central Government Departments, NGOs, Private Companies and Faculty/Research Scholars

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from Academic Institutions who are gearing up to provide or utilize the Geospatial data and services. Participants should have minimum Masters in Science or Bachelors degree in Engineering or graduation with 2 years of experience in relevant areas. Selection of candidates is subject to fulfillment to admission criteria and domain of work.

How to Apply?

Duly filled applications form with sponsorship certificate are invited from working professionals of State Government / Central Government Departments, NGOs, Private Companies and Faculty/Research Scholars from Academic Institutions who are gearing up to utilize the Hyper spectral Remote Sensing data. The application form should reach NRSC, Hyderabad by speed post (EMS) by May 13, 2022. Applicants can send scanned copies of the application form with course fee DD to training@nrsc.gov.in (attachment < 4 MB) as advance copy and duly send the originals by speed post to reach the address mentioned below before the due date.

Course Fee & Admission

Kindly enclose and send duly filled application form with sponsorship certificate with course fee DD (see below table) to be paid by Demand Draft in favor of **Pay & Accounts Officer**, **NRSC payable at Hyderabad** should reach us on or before the due date. Selected applicants will be intimated by email/mobile. Candidates will be provided accommodation in NRSC Guest House II inside the campus and food is served by NRSC canteen at a nominal price. *Right of admission reserved with NRSC*.

| Course fee (Rs.) for individual candidate | | | | |
|---|--|---------------------------------|-----------------------|---------------------------|
| Central Govt./ State Govt. | PSU/ Autonomous Bodies & its Institutes | Private/ NGO (Fee + GST 18%) | Academia | |
| | | | Pure Govt. Institutes | Private/ Other Institutes |
| 4600 | 4600 | 5800 + 1044 = 6844 | 4300 | 4300 |

* GST of 18% is applicable to any receipt amount exceeding Rs. 5000/-

Postal Address:

Head, TPCD Training & Education Group, National Remote Sensing Centre Dept. of Space, ISRO Balanagar, Hyderabad 500 037 Ph: 040 - 2388 4566, 4567,4458, 4562 email: training@nrsc.gov.in