

5-day Training on  
**Remote Sensing Data Acquisition**  
(6 – 10 May, 2024)  
**Organised at NRSC, Shadnagar campus**

National Remote Sensing Centre (NRSC), ISRO, is a center of eminence providing remote sensing data acquisition, data processing and geospatial application services to meet the national goals and objectives. It has the mandate for establishment of ground stations for receiving earth observation satellite data, preprocessing, generation of data products, dissemination to the users, and development of techniques for remote sensing applications including disaster management support,



geospatial services for good governance and capacity building for various Government ministries/departments professionals, faculty and students. NRSC is in the forefront of using geospatial information technologies and is collaborating with its stakeholders for building a thriving innovation ecosystem in the Geospatial Technology arena. NRSC/ISRO has five decades of experience and expertise in satellite data reception ground segment antenna development, deployment, and commissioning at national and international sites, including Antarctica Station. NRSC has developed state-of-the-art facilities at IMGEOS (Integrated Multi Mission Ground Segment for Earth Observation Satellites) Shadnagar, Hyderabad, India having 7.5 m diameter antennas with the capability of receiving remote sensing satellite data from ISRO and other international missions in S/X/Ku/Ka bands.

#### **About the Course**

The Short-term course on Remote Sensing Data Acquisition, organized at NRSC, Shadnagar campus, 50 Km away from Hyderabad, shall be for 5 days duration having an objective to promote awareness and disseminate technical know-how on ground receive antennas, mechanical systems, servo control systems, RF systems, Baseband systems, Data ingest and pre-processing elements. The curriculum includes theory, principles and demonstration on ground receive systems. The core faculty is drawn from NRSC, having rich experience in design, development, installation, maintenance and operations of ground receiving antennas with participation in international scientific programmes to their credit.

#### **Who Can Apply?**

Applications are invited from interested candidates from State Government / Central Government Departments, Faculty/ Research Scholars from Academic Institutions, NGO, Private Industry and Startups engaged in the use of Space Platforms, Remote Sensing & Geospatial technology implementations for Societal Applications. Participants should have minimum of Master's degree in science



or Bachelor's degree in Engineering. Further details may be explored with [training@nrcs.gov.in](mailto:training@nrcs.gov.in).