

WHO CAN PARTICIPATE

Open to students, research scholars, academicians, industry professionals, and government officials who are passionate about geospatial technologies and their applications in sustainable development. Participants from diverse disciplines such as Remote Sensing, GIS, Environmental Science, Civil Engineering, Geography, and Urban Planning are encouraged to join and exchange innovative ideas, explore emerging trends, and collaborate towards building a resilient and sustainable future.



SCAN FOR
REGISTRATION
Last date for registration
15.02.2025



ORGANIZING COMMITTEE

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CELEBRATING NATIONAL SCIENCE DAY

on

27TH FEBURARY 2026

IRS



ONE DAY NATIONAL LEVEL WORKSHOP ON
**GEOSPATIAL INTELLIGENCE :
CAPACITY BUILDING FOR THE FUTURE
WITH BRAINSTORMING SESSIONS**

ORGANIZED BY,

INSTITUTE OF REMOTE SENSING

Department of Civil Engineering
CEG Campus,
Anna University

Under the aegis of
**INDIAN SOCIETY OF
GEOMATICS**
CHENNAI CHAPTER

**TAMIL NADU
E-GOVERNANCE
AGENCY**

Department of Information
Technology and Digital Services,
Government of Tamil Nadu

VENUE

CUIC AUDITORIUM
COLLEGE OF ENGINEERING GUINDY,
ANNA UNIVERSITY, CHENNAI

ABOUT ANNA UNIVERSITY

Anna University was established in 1978 as a conglomerate of several leading technical institutions like CEG, ACT, MIT, and SAP Campuses. Named after the Former Chief Minister of Tamil Nadu, late Dr. C.N. Annadurai, it is a renowned institution of higher education in India and is known for its academic excellence, research innovation, and the production of highly skilled professionals in fields such as engineering, technology and management.

ABOUT INSTITUTE OF REMOTE SENSING

The Institute of Remote Sensing (IRS) serves as the State Remote Sensing Application Centre. Evolving from India's first "Survey School" (1794), it has become a leading institute in Remote Sensing, GIS, and Large-Scale Mapping. Supported by national and international agencies such as MHRD, UGC, the Federal Republic of Germany, and the Royal Norwegian Government, IRS houses advanced laboratories and equipment worth Rs.150 million. Functioning autonomously under Anna University, it offers the B.E. (Geoinformatics) and M.E. (Remote Sensing and Geomatics) program and is a member of the UN-GGIM Academic Network.



ABOUT WORKSHOP

Geospatial Intelligence and the Digital Earth framework play a critical role in transforming vast geospatial data into actionable knowledge for planning, governance, and sustainable development. With rapid advances in satellite Earth observation, GIS, UAVs, AI, cloud computing, and big data analytics, decision-making today increasingly relies on accurate, real-time, and location-based intelligence.

Capacity building in this domain is essential to equip professionals with practical skills in geospatial data integration, spatial analytics, modeling, and visualization. The Digital Earth concept enables comprehensive, multi-scale, and dynamic representations of the Earth's systems, supporting scenario analysis, predictive assessments, and informed decision support. This is vital for addressing complex challenges such as climate change impacts, urban growth, disaster risk reduction, environmental monitoring, and infrastructure planning.

By strengthening capacity in geospatial intelligence, institutions can bridge the gap between data availability and effective application. The theme directly supports national priorities such as smart governance, climate resilience, sustainable resource management, and digital transformation. Overall, this capacity-building focus ensures the development of a future-ready geospatial workforce capable of delivering timely, reliable, and policy-relevant spatial intelligence for societal and national development.

SESSIONS

Session 1

National Geospatial Ecosystem in India: Policies, Platforms, and Future Directions

Session 2

Industry Perspectives on Emerging Geospatial Technologies and Workforce Readiness

Session 3

Bridging Academia, Industry, and Government through Geospatial Capacity Building

