

## **Report on 250 Years of Legacy, One Vision for the Future:** **SOI - India's Platform for Global Geospatial Leadership**

**Topic:** 250 Years of Legacy, One Vision for the Future: SOI - India's Platform for Global Geospatial Leadership

**Date:** 29<sup>th</sup> November 2025

**Time:** 01.00 PM – 02.15 PM

**Delivery Through:** Online Google Meet

### **Event Summary**

GTU SET has successfully organized an online expert talk on Application of Survey of India (SOI) Products in Rural Development on 29<sup>th</sup> November 2025.

The objective to convene the event was to raise the awareness about Survey of India products and its application in various Research Projects.

Dr. Shivangi Suthar, Officer Surveyor, SOI Gandhinagar was present as a session expert. She provided an in-depth understanding of Geospatial Technology and its application in various National Importance Projects running under Survey of India. She has also discussed about the concept of Earth Geodesy and Geodetic Assets of Gujarat.

Key Highlights of the Session:

- Introduction & Action Plan of Survey of India
- Various projects of National importance such as Amrut 2.0, Digital Twin, Nuclear Power Corporation of India Ltd., Rann of Kachchh Project of Gujarat Govt., National Hydrology Project and etc.
- Continuously Operating Reference System (CORS) as a Real Time positioning Service and Referencing Data Services.
- What is CORS system and its application with Drone navigation

Dr. Shivangi Suthar concluded her session with a strong message, urging everyone to actively register on the Survey of India website and make maximum benefit of the products available as open source dataset from the Survey of India website in their research work.

Around 45 participants from various domains and categories including B.E. / M.E. / PhD research scholars and faculties have joined in the online expert talk. The event was successfully coordinated by Prof. M. S. Seth, Assistant Professor GTU SET under the guidance of Dr. J. A. Amin, Professor GTU SET & Shri Dhiraj Shah Director Gujarat, Daman & Diu Geospatial Directorate, Dr. K. N. Kher, Registrar, GTU; and Dr. Rajul Gajjar, Hon'ble Vice Chancellor.

# Glimpses of Event

