

IIRS Outreach Programme

Course Name – Geospatial Analysis using Google Earth Engine

Duration: 19-01-2024 to 23-01-2024

Timing: 1600 hrs – 1730 hrs

Date	Topic	Speaker
19.02.2024	Basics of Geospatial Analytics and introduction of GEE interface	Prasun Gupta
20.02.2024	Visualization in GEE: Understanding spectral band combination and plotting spectral response curves.	Ravi Bhandari
21.02.2024	Spectral Indices in GEE: Generating Spectral Indices for extracting various Land Features e.g. vegetation, waterbody etc.	Shailja Mamgai
22.02.2024	Image Classification: Machine learning and other techniques for land feature classification	Prasun Gupta
23.02.2024	Data uploading and downloading in GEE for specific area of interest based analysis	Kamal Pandey
