

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
देहरादून/ DEHRADUN

Two Weeks Online Course on
“Advances in Remote Sensing Techniques for Geological Applications”

September 22- October 3, 2025

Timing: 11.00-12.00 Hrs.

TECHNICAL PROGRAMME			
S.No.	Date	Lecture Topic	Faculty
	22.09.2025	Inauguration (10.30-10.55 hrs.)	
1.	22.09.2025	Overview of Geospatial Application of Natural Resource Management	PK
2.	23.09.2025	Overview of RS and GIS Applications in Geosciences	RSC
3.	24.09.2025	Advances in Thermal and Microwave RS for Geological Applications	RSC
4.	25.09.2025	RS Applications in Engineering Geology and Geological with Emphasis on Landslides	SLC
5.	26.09.2025	Advances in Hyperspectral RS and spectroscopic analysis for mineral exploration	RU
6.	29.09.2025	Advance RS Techniques for Glacial Health monitoring and Climate Change	PP
7.	30.09.2025	Planetary exploration using RS with emphasis on recent international and ISRO missions	MC
8.	3.10.2025	Integration of EO data with Geodetic Observations with Emphasis on Crustal Deformation.	SK

PK: Dr. Pramod Kumar, Dean, IIRS
RSC- Dr. R.S. Chatterjee, GD, GDMS
SLC- Dr. Shovan L. Chatteraj, GSD
PP – Dr. Pratima Pandey, GSD
RU- Mrs. Richa U. Sharma, GSD
SK - Dr. Suresh Kannaujiya, GSD
MC – Dr. Mamta Chauhan, GSD

Course Director

Course Coordinator/s

Distribution:

1. Director, IIRS – *for kind information*
2. GD, GTOF
3. All concerned faculty members
4. Dr. Poonam S, Tiwari - Programme Co-ordinator, IIRS Outreach Programme
5. Head, GIT&DL