

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

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

March 11-15, 2024

<b>TECHNICAL PROGRAMME</b>				
S.No	Date	Lecture Topic	Faculty	Timing
1.	11.03.2024	<b>Opening Session</b>		15:30-16:00 Hrs
2.	11.03.2024	Overview of RS and GIS Applications in Geosciences	RSC	16:00-17:15 Hrs
3.	12.03.2024	Advances in Thermal and Microwave RS for Geological Applications	RSC	14:30-15:45 Hrs
4.	12.03.2024	Advances in Hyperspectral RS and spectroscopic analysis for mineral exploration	RU	16:00-17:15 Hrs
5.	13.03.2024	Advances in Data Processing Techniques in Geology	JM	14:30-15:45 Hrs
6.	13.03.2024	Advance RS Techniques for Geological hazards with Emphasis on Landslides	SLC	16:00-17:15 Hrs
7.	14.03.2024	RS Applications in Engineering Geology: Recent Advances	SLC	14:30-15:45 Hrs
8.	14.03.2024	Integration of EO data with Geodetic Observations with Emphasis on Crustal Deformation.	SK	16:00-17:15 Hrs
9.	15.03.2024	Advance RS Techniques for Glacial Health monitoring and Climate Change	PP	14:30-15:45 Hrs
10.	15.03.2024	Planetary exploration using RS with emphasis on recent international and ISRO missions	MC	15:45-17:00 Hrs
		<b>Valedictory</b>		17:00-17:30 Hrs

<b>Faculty Members of Geosciences Division</b>	
RSC- Dr. R.S. Chatterjee, GD, GDMS	
SLC- Dr. Shovan L. Chattoraj	SK - Dr. Suresh Kannaujiya
PP – Dr. Pratima Pandey	MC – Dr. Mamta Chauhan
RU- Mrs. Richa U. Sharma	JM – Mrs. Jappji Mehar