

96th IIRS Outreach Programme

On

Hyperspectral and Microwave Remote Sensing Techniques for Geological Studies

March 07-17, 2022

Timing 1600 to 1730 Hours

Date	Lecture Details	Faculty
7/03/2022	Overview of hyperspectral remote sensing for Geological Applications.	Mrs. Richa U Sharma
8/03/2022	Hyperspectral Data processing techniques (Air/Spaceborne): Data reduction, Mapping methods with emphasis on geological studies.	Mrs. Richa U Sharma
9/03/2022	Spectroscopy of major rocks and minerals.	Dr S.L Chatteraj
10/03/2022	Compositional analysis of Lunar and Martian crust using hyperspectral sensors.	Dr Mamta Chauhan
11/03/2022	Hyperspectral remote sensing for Geological Applications.	Mrs. Richa U Sharma
14/03/2022	Overview of microwave remote sensing for Geological Applications.	Dr RS Chatterjee
15/03/2022	Microwave remote sensing techniques with emphasis on Polarimetric SAR & Interferometric SAR.	Dr RS Chatterjee
16/03/2022	Microwave Remote Sensing for Glacier dynamics studies.	Dr Pratima Pandey
17/03/2022	Differentiation Interferometric SAR, Advanced Differential Interferometric SAR and Geological Applications.	Dr RS Chatterjee
17/03/2022	Questionnaire and synthesis of the course.	All faculty