



Department of Space
Government of India
Indian Space Research Organisation (ISRO)
Indian Institute of Remote Sensing, Dehradun



20th IIRS Outreach Programme

Course Name	Duration	
	From	To
1 Microwave Radar Remote Sensing and its Applications	10.04.2017	28.04.2017

Date	Time	Lecture Topic
10.04.2017	Lecture Session 1600-1700 Interactive Session 1700 -1730	Overview of SAR Remote Sensing
11.04.2017		SAR Data Format and Acquisition Mode
12.04.2017		SAR Data Processing
13.04.2017		Polarimetric SAR Remote Sensing and its Applications
14.04.2017		Holiday Good Friday
15.04.2017		SATURDAY
16.04.2017		SUNDAY
17.04.2017		Basic Concepts of SAR Interferometry
18.04.2017		Forest Parameter Retrieval using SAR Data
19.04.2017		SAR Remote Sensing for Snow and Glacier Studies
20.04.2017		SAR Remote Sensing for Flood Mapping and Monitoring
21.04.2017		SAR Remote Sensing for Coastal and Oceans Studies
22.04.2017		Saturday
23.04.2017		Sunday
24.04.2017		SAR Remote Sensing for Agricultural and Soil Studies
25.04.2017		SAR Remote Sensing for Geological Studies
26.04.2017		Panel discussion
27.04.2017	Break	
28.04.2017	Online Examination	