Microwave Radar Remote Sensing and its Applications

Overview

Department of Applied Geology, NIT Raipur in Collaboration of Indian Institute of Remote Sensing, Indian Space Research Organization is organizing 20th IIRS Outreach Programme on "Microwave Radar Remote Sensing and its Applications" from 10.04.2017 - 28.04.2017. This course is open for:

- Student of Postgraduate course (any year)
- Technical/ Scientific Staff of Central/ State Government Ministries/ Departments
- Faculty / Researchers at university / institutions

Link to register online to the course: http://elearning.iirs.gov.in/edusat_lms/student_registration.php

Classes of this course will be run in the department of Applied Geology NIT Raipur. 70% attendance is compulsory for this course and end of the course e-certificate would be distributed.

Kindly register using the link given above and submit the registration form to the course coordinator.

Registration	• **Number of participants for the course will be limited to 25. It is mandatory to submit the registration copy to the course coordinator. Last date of registration is 05th April 2017.**
You Should Attend If…	• you are an executives, engineers and researchers from Geology, Civil Engineering, Mining engineering, Computer Science, Electrical, Mechanical, and other branches of engineering and sciences and belonging to governmental institutes, consultancy firms, research institutes, and industries • research scholars • faculty from academic institutions and technical institutions.
Fees	• This course is free of cost.
Course	• Online classes of this course can be attended in the Department of Applied Geology NIT Raipur. Schedule of the online classes is given below.

Period
10.04.2017 - 28.04.2017

Venue:
Department of Applied Geology
NIT Raipur

Course Co-ordinator

Dr. Himanshu Govil
Phone: +91 - 9927337832
E-mail: hgovil.geo@nitrr.ac.in

.....

http://www.nitrr.ac.in
.....

Registration Process:
Apply Online

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