



iirs

Hyperspectral 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 29th IIRS Outreach Programme on "Hyperspectral Remote Sensing and Its Applications " from February 19 – 14 March, 2018. 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 certificate would be distributed.

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

Course Fee:

There is no course fee.

Curriculum;

- First Session: Hyperspectral Remote Sensing (HRS): An Overview and Applications;
- Second Session: Hyperspectral remote sensing: Platform and sensors;
- Third Session: Hyperspectral Image Pre-processing;
- Fourth Session: Demonstration on Hyperspectral Data Pre-processing;
- Fifth Session: Data dimensionality reduction;
- Sixth Session: Optical and Thermal Hyperspectral Image Classification;
- Seventh Session: Demonstration on spectro-radiometer and spectral library creation;
- Eighth Session: Demonstration on Hyperspectral data classification;
- Ninth Session: Hyperspectral Remote Sensing for Agriculture and soil Studies;
- Tenth Session: Hyperspectral Remote Sensing for Forestry Applications;

Registration	<ul style="list-style-type: none"> • 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 17th February 2018.
You Should Attend If...	<ul style="list-style-type: none"> • you are an executives, engineers and researchers from Geology, Civil Engineering, Mining engineering, Computer Science 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	<ul style="list-style-type: none"> • This course is free of cost.
Course	<ul style="list-style-type: none"> • 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

February 19 – 14 March, 2018

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