



Advanced Image Analysis

Overview

Department of Applied Geology, NIT Raipur in Collaboration of Indian Institute of Remote Sensing, Indian Space Research Organization is organizing 33rd IIRS Outreach Programme on " Advanced Image Analysis" from June 04-15, 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.

Registration	Number of participants for the course will be limited to 25. It is mandatory to email the registration copy to the course coordinator. Last date of registration is 1st June 2018.
You Should Attend If...	- 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 scholar's - 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
June 04-15, 2018

Venue:
Department of Applied
Geology
NIT Raipur



Course Co-ordinator

Dr. Himanshu Govil

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Convener

Dr. P. Diwan

HOD, Department of Applied Geology, NIT
Raipur

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<http://www.nitrr.ac.in>
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Registration Process:

S.No.	Topic	Date	Faculty
1	Advanced Image Processing: Techniques and Applications	04/06/2018	SA
2	Change Detection: Methods and procedures (Lecture and Demonstration)	05/06/2018	HP
3	Soft Classifiers for EO data (ANN, Fuzzy etc.)	06/06/2018	AK
4	Rule based Classifiers for EO data (Decision tree, Random Forest etc.)	07/06/2018	PST
5	Image texture: Algorithms and Models (Lecture and Demonstration)	08/06/2018	PST
6	Methods and Algorithms for Image Segmentation, Object based Image Analysis	11/06/2018	PST
7	Pan Sharpening methods for Remote Sensing data	12/06/2018	HP
8	Image Processing in Spectral Domain: Fourier and Wavelet transforms	13/06/2018	SA
9	Automated Feature Extraction, Mathematical Morphology for feature refinement (Lecture and Demonstration)	14/06/2018	HP
10	Web Based Image Processing and Algorithm development: A case study	15/06/2018	HCK