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Geoweb Services and Geoportal Applications

Overview

Geospatial technologies (Remote Sensing, GIS, GNSS and ICT) can play an important role in effective decision making, execution and management of various development programmes of Government of India. In the recent past, the availability of Geospatial data and information services through various websites and geo-portals such as ISRO Bhuvan, India-WRIS, BIS/IBIN, NSDI, Google maps, Bing map, Open street maps etc., are getting popular among user communities. This online course of two weeks duration with 4/5 lectures -per week is a unique opportunity to learn the effective-ways of using online Geoweb services and their applications by devoting one-and half-hour each day from the place of stay of the participant. The course can be attended without any cost through internet using A-View Software which is freely available (www.aview.in) for download. IIRS/ISRO will provide credentials to receive this programme online for registered participants. The certificate of participation will be awarded to all the participants on successful completion of the programme.

Registration	• Number of participants for the course will be limited to 30. It is mandatory to submit the registration copy to the course coordinator. Last date of registration is 25th June 2016.
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 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.



Government of India
Department of Space
Indian Space Research Organisation
Indian Institute of Remote Sensing
Dehradun

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“Geoweb Services and Geoportal applications”

28 June 2016 – 15 July 2016

Time: (1530-1700 Hrs.)

S. No.	Date	Day	Lecture/ Demonstration	Faculty
1.	28/06/2016	Tuesday	Introduction of Geospatial technology and application	SKS
2.	29/06/2016	Wednesday	Internet technology and GIS	HCK
3.	30/06/2016	Thursday	Break	
4.	01/07/2016	Friday	Concept of Geoweb Services and Geoportals	HCK
5.	02/07/2016	Saturday		
6.	03/07/2016	Sunday		
7.	04/07/2016	Monday	ISRO Bhuvan Geoportal and Its components	HCK
8.	05/07/2016	Tuesday	Accessing Geoweb services from Bhuvan Geoportal- Demonstration	HCK
9.	06/07/2016	Wednesday	Id-ul-Fitr	
10.	07/07/2016	Thursday	Bhuvan Panchayat Geoportal and its applications- Demonstration	NRSC/Guest Faculty
11.	08/07/2016	Friday	India Water Resource Information System (India-WRIS)- Demonstration	NRSC/Guest Faculty
12.	09/07/2016	Saturday		
13.	10/07/2016	Sunday		
14.	11/07/2016	Monday	Biodiversity Information Services- BIS and IBIN- Demonstration	SS/HCK
15.	12/07/2016	Tuesday	Crowdsourcing and Participatory GIS- Demonstration	HCK
16.	13/07/2016	Wednesday	Break	
17.	14/07/2016	Thursday	Geoweb Services and Mashup application- Case study Demonstration	HCK
18.	15/07/2016	Friday	Concluding Session and Feedback	Director IIRS & GH RSGG

Faculty			
SKS	Dr. S.K. Srivastav	SS	Dr. Sameer Saran
HCK	Dr. Harish C Karnatak	NRSC	National Remote Sensing Centre

The Faculty

	Dr. Prabhat Diwan is Associate Professor and Head, Department of Applied Geology, National Institute of Technology Raipur, India. His research interest includes Structural Geology, Economic Geology, Remote Sensing & GIS.
	Dr. N. Vishwakarma is an Assistant Professor, Applied Geology Department, National Institute of Technology Raipur, India. His research interest includes Mineralogy, Petrology & Geochemistry.
	Dr. D. C. Jhariya is an Assistant Professor in the Department of Applied Geology, National Institute of Technology Raipur, India. His research interest includes Hydrogeology, Environmental Geology, and Remote Sensing & GIS.
	Dr. Himanshu Govil is an Assistant Professor, Applied Geology Department, National Institute of Technology Raipur, India. His research interest includes Hyperspectral remote sensing application in mineral exploration, image classification techniques, Environmental impact assessment.

Period
28th June to 15th July 2016

Venue:
Department of Applied
Geology
NIT Raipur



Course Co-ordinator

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

Apply Online

http://bis.iirs.gov.in/edusat_17course_registration_final/