



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



Advance Course on “Applications of RS & GIS for Natural Resources”

S No	Date & Time	Day	Lecture/Practical Description	Faculty Name
1.	27/01/2015 1600-1730 Hrs.	Tuesday	RS & GIS Application in Flood Inundation, Mapping, Monitoring & Management	Dr. S. P. Aggarwal
2.	28/01/2015 1600-1730 Hrs.	Wednesday	RS & GIS Application in Irrigation Water Management	Dr. Bhaskar Nikam
3.	29/01/2015 1600-1730 Hrs.	Thursday	RS & GIS Application in Soil Erosion Modeling & Watershed Prioritization	Dr. Bhaskar Nikam
4.	30/01/2015 1600-1730 Hrs.	Friday	RS & GIS Application in Hydrological Modeling	Dr. S. P. Aggarwal/ Dr. Praveen Thakur
5.	02/02/2015 1600-1730 Hrs.	Monday	RS & GIS Application in Climate Change impact on Hydrological regime	Dr. S. P. Aggarwal
6.	03/02/2015 1600-1730 Hrs.	Tuesday	RS & GIS Application in Mineral Exploration	Dr. P. K. Champati Ray
7.	04/02/2015 1600-1730 Hrs.	Wednesday	RS & GIS Application in Hydro-carbon exploration	Dr. R. S. Chatterjee
8.	05/02/2015 1600-1730 Hrs.	Thursday	Hyperspectral Image Analysis for Geological Application	Mrs. Richa Sharma
9.	06/02/2015 1600-1730 Hrs.	Friday	RS & GIS Application in Hydropower Development	Dr. Shovan Lal Chatteraj
10.	09/02/2015 1600-1730 Hrs.	Monday	Integration of RS and Geophysical Techniques for Geological Application	Dr. Shovan Lal Chatteraj
11.	10/02/2015 1600-1730 Hrs.	Tuesday	RS & GIS Application in Crop Inventory & Cropping System Analysis	Mrs. Mamta Kumari
12.	11/02/2015 1600-1730 Hrs.	Wednesday	Agriculture Drought Monitoring & Assessment using RS data	Dr. N. R. Patel
13.	12/02/2015 1600-1730 Hrs.	Thursday	Microwave RS in Soil Moisture Studies	Dr. Harishankar Srivastava
14.	13/02/2015 1600-1730 Hrs.	Friday	RS in Degraded Land Mapping & Monitoring	Dr. Suresh Kumar
15.	16/02/2015 1600-1730 Hrs.	Monday	Geospatial approach in Soil Quality Assessment	Dr. Suresh Kumar
16.	18/02/2015 1600-1730 Hrs.	Wednesday	Spectral properties of vegetation	Dr. Hitendra Padalia
17.	19/02/2015 1600-1730 Hrs.	Thursday	Vegetation classification and mapping	Dr. Subrato Nandy
18.	20/02/2015 1600-1730 Hrs.	Friday	Ecosystem services and REDD+	Dr. Stutee Gupta
19.	23/02/2015 1600-1730 Hrs.	Monday	Forest growing stock/carbon assessment	Dr. Sarnam Singh
20.	24/02/2015 1600-1730 Hrs.	Tuesday	Wildlife habitat evaluation	Dr. S.P.S. Kushwaha
21.	02/03/2015 1600-1730 Hrs.	Monday	Forest fire risk assessment & monitoring	Dr. Arijit Roy

22.	09/03/2015 1600-1730 Hrs.	Monday	Remote Sensing study for extreme events	Mrs. Charu Singh
23.	10/03/2015 1600-1730 Hrs.	Tuesday	Oceanographic parameter retrieval	Dr. A. K. Mishra
24.	11/03/2015 1600-1730 Hrs.	Wednesday	Coastal hazards	Dr. D. Mitra
25.	12/03/2015 1600-1730 Hrs.	Thursday	Atmospheric pollution from satellite data	Dr. Shuchita Srivastava
26.	13/03/2015 1600-1730 Hrs.	Friday	Satellite meteorology	Ms. Pooja Jindal
27.	16/03/2015 1600-1730 Hrs.	Monday	Urban and Regional Planning	Dr. Pramod Kumar
28.	17/03/2015 1600-1730 Hrs.	Tuesday	Urban Spatial growth modeling	Dr. Sandeep Maithani
29.	18/03/2015 1600-1730 Hrs.	Wednesday	3D GIS for Urban development	Dr. B. D. Bharat
30.	19/03/2015 1600-1730 Hrs.	Thursday	Property taxation and slum mapping using High Resolution data	Dr. Sadhana Jain
31.	20/03/2015 1600-1730 Hrs.	Friday	Urban Green Spaces	Mrs. Kshama Gupta
27/03/2015 (Forenoon); Examination (Online)				

Holidays:

- **February 17, 2015- Maha Shivaratri**
- **February 26-27, 2015-IUIM-2015**
- **March 5-6, 2015- Holi**