



Govt. of India
Department Space
Indian Space Research Organization
Indian Institute of Remote Sensing



Eighty Sixth IIRS Outreach Programme
On
Remote Sensing & Digital Image Analysis

Course Schedule

S. No.	Course Name	Module Name	Module Coordinator	From	To
1.	Remote Sensing & Digital Image Analysis	Module-1	Mrs. Minakshi Kumar	16-08-2021	10-09-2021

Duration of the Course: 16 August-10 September, 2021

Date	Day	Time	Topic	Speaker
16/08/2021	Monday	1530-1730 hrs	Course Inauguration and Introductory Lecture , Overview of Space Technology and Applications Title confirmation to be taken from director sir	Dr. Prakash Chauhan
17/08/2021	Tuesday	1600-1730 hrs	Basic Principles of Remote Sensing	Ms. Manu Mehta
18/08/2021	Wednesday	1600-1730 hrs	Earth Observation Sensors and Platforms	Mr. Vinay Kumar
19/08/2021	Thursday	Holiday - Muharram		
20/08/2021	Friday	1600-1730 hrs	Spectral Signatures of Different Land cover Features and Visual Image interpretation	Dr. Hina Pande
23/08/2021	Monday	1600-1730 hrs	Digital Image Processing: Basic Concepts Rectification and Registration	Ms. Minakshi Kumar
24/08/2021	Tuesday	Offline	RS and Image Interpretation Practical	
24/08/2021	Tuesday	1600-1730 hrs	Image Enhancement techniques	Dr. Poonam S. Tiwari
25/08/2021	Wednesday	1600-1730 hrs	Image Classification Techniques	Dr. Anil Kumar
26/08/2021	Thursday	1600-1730 hrs	Advanced Classifiers and Accuracy Assessment	Dr. Anil Kumar

Date	Day	Time	Topic	Speaker
27/08/2021	Friday	1600-1730 hrs	Thermal Remote Sensing	Dr. Yogesh Kant
30/08/2021	Monday	Holiday - Janmashtami		
31/08/2021	Tuesday	1600-1730 hrs	Hyperspectral Remote Sensing	Mr. Vinay Kumar
01/09/2021	Wednesday	1600-1730 hrs	Image Processing Hands-on Demo using QGIS	Mr. Prasun Gupta
02/09/2021	Thursday	1600-1730 hrs	Google Earth Engine API: Introduction and case studies	Ms. Supriya Sharma
03/09/2021	Friday	1600-1730 hrs	Open Source Data and International Geoportals for Satellite data download	Dr. Harish Karnatak
06/09/2021	Monday	1600-1730 hrs	Basics of Microwave Remote Sensing	Dr. Shashi Kumar
07/09/2021	Tuesday	1600-1730 hrs	Basics of SAR Data Processing	Mr. Ashish Joshi
08/09/2021	Wednesday	1600-1730 hrs	Basics of UAV Remote Sensing	Mrs. Shefali Agrawal
09/09/2021	Thursday	1600-1730 hrs	Basics of LIDAR Remote Sensing	Dr. Hina Pande
10/09/2021	Friday	1430- 1730 Query Session / Feedback / Valedictory		

Note: Details about the course, examination and latest schedule will be updated on below link;

<https://www.iirs.gov.in/>

or

<https://www.iirs.gov.in/EDUSAT-News>