

**Course Name:** Remote Sensing & Digital Image Analysis  
**Course Coordinator:** Mrs. Minakshi Kumar

**Duration of the Course:** 28 August-22 September 2023

Date	Day	Time	Topic	Speaker
28-08-2023		1600-1730 hrs	Basic Principles of Remote Sensing	Dr. Manu Mehta
29-08-2023		1600-1730 hrs	Spectral Signatures of Different Land cover Features and Visual Image interpretation	Dr. Hina Pande
30-08-2023	<b>Raksha Bandhan</b>			
31-08-2023		1600-1730 hrs	Earth Observation Sensors and Platforms	Mr. Vinay Kumar
01-09-2023		Offline	RS and Image Interpretation Practical	Offline
02-09-2023			<b>SAT</b>	
03-09-2023			<b>SUN</b>	
04-09-2023		1600-1730 hrs	Digital Image Processing: Basic Concepts Rectification and Registration	Ms. Minakshi Kumar
05-09-2023		1600-1730 hrs	Image Enhancement techniques	Dr. Poonam S. Tiwari
06-09-2023		1600-1730 hrs	Image Classification Techniques	Dr. Anil Kumar
07-09-2023	<b>Holiday (Janamashtmi)</b>			
08-09-2023		1600-1730 hrs	Accuracy Assessment and Digital Change Detection	Dr. Anil Kumar
09-09-2023			<b>SAT</b>	
10-09-2023			<b>SUN</b>	
11-09-2023		1600-1730 hrs	Image Processing Hands-on Demo using QGIS	Mr. Prasun Kumar Gupta
12-09-2023		1600-1730 hrs	Thermal Remote Sensing	Dr. Shashi Kumar
13-09-2023		offline	Image Processing QGIS- hand-n Self Practice	Offline
14-09-2023		1600-1730 hrs	Hyperspectral Remote Sensing	Mr. Vinay Kumar
15-09-2023	<b>Break</b>			
16-09-2023			<b>SAT</b>	
17-09-2023			<b>SUN</b>	
18-09-2023		1600-1730 hrs	Open Source Data and International Geoportals for Satellite data download	Dr. Harish Karnatak
19-09-2023	<b>Vinayak Chaturthi</b>			
20-09-2023		1600-1730 hrs	Basics of Microwave Remote Sensing	Dr. Shashi Kumar
21-09-2023		1600-1730 hrs	Basics of SAR Data Processing	Mr. Ashish Joshi
22-09-2023		1600-1730 hrs	Basics of UAV Remote Sensing	Mrs. Shefali Agrawal