

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

**Duration of the Course: 22 August-16 September 2022**

Date	Day	Time	Topic	Speaker
22/08/2022	Monday	1600-1730 hrs	Basic Principles of Remote Sensing	Dr. Manu Mehta
23/08/2022	Tuesday	1600-1730 hrs	Earth Observation Sensors and Platforms	Mr. Vinay Kumar
24/08/2022	Wednesday	1600-1730 hrs	BREAK	
25/08/2022	Thursday	1600-1730 hrs	Spectral Signatures of Different Land cover Features and Visual Image interpretation	Dr. Hina Pande
26/08/2022	Friday	Offline	RS and Image Interpretation Practical	
<b>27/08/2022</b>			<b>SAT</b>	
<b>28/08/2022</b>			<b>SUN</b>	
29/08/2022	Monday	1600-1730 hrs	Digital Image Processing: Basic Concepts Rectification and Registration	Ms. Minakshi Kumar
30/08/2022	Tuesday	1600-1730 hrs	Image Enhancement techniques	Dr. Poonam S. Tiwari
<b>31/08/2022</b>	Wednesday		<b>Vinayaka Chaturthi /Ganesh Chaturthi</b>	
01/09/2022	Thursday	1600-1730 hrs	Image Classification Techniques	Dr. Anil Kumar
02/09/2022	Friday	1600-1730 hrs	Thermal Remote Sensing	Dr. Shashi Kumar
<b>03/09/2022</b>			<b>SAT</b>	
<b>04/09/2022</b>			<b>SUN</b>	
05/09/2022	Monday	1600-1730 hrs	Accuracy Assessment and Digital Change Detection	Ms. Minakshi Kumar
06/09/2022	Tuesday	1600-1730 hrs	Image Processing Hands-on Demo using QGIS	Mr. Prasun Kumar Gupta
07/09/2022	Wednesday	Offline	Image Processing QGIS- hand-n Self Practice	
08/09/2022	Thursday	1600-1730 hrs	BREAK	
09/09/2022	Friday	1600-1730 hrs	Hyperspectral Remote Sensing	Mr. Vinay Kumar
10/09/2022			<b>SAT</b>	
11/09/2022			<b>SUN</b>	
12/09/2022	Monday	1600-1730 hrs	Open Source Data and International Geoportals for Satellite data download	Dr. Harish Karnatak
13/09/2022	Tuesday	1600-1730 hrs	Basics of Microwave Remote Sensing	Dr. Shashi Kumar
14/09/2022	Wednesday	1600-1730 hrs	Basics of SAR Data Processing	Mr. Ashish Joshi
15/09/2022	Thursday	1600-1730 hrs	BREAK	
16/09/2022	Friday	1600-1730 hrs	Basics of UAV Remote Sensing	Mrs. Shefali Agrawal