

Remote Sensing & Digital Image Analysis

19 August – 06 September

Module 1: Remote Sensing & Digital Image Analysis Module/ Course Coordinator: Mrs. Minakshi Kumar				
Date	Day	Time	Topic	Speaker
19 Aug 19	Monday	1600-1730 hrs	Course Inauguration and Introductory Lecture , Indian Space Programme	Dr. Prakash Chauhan
20 Aug 19	Tuesday	1600-1730 hrs	Basic Principles of Remote Sensing	Ms. Manu Mehta
21 Aug 19	Wednesday	1600-1730 hrs	Earth Observation Sensors and Platforms	Mr. Vinay Kumar
22 Aug 19	Thursday	1600-1730 hrs	Thermal Remote Sensing	Dr. Yogesh Kant
23 Aug 19	Friday	1600-1730 hrs	Spectral Signatures of Different Land cover Features and Visual Image interpretation	Dr. Hina Pande
24 Aug 19		Saturday		
25 Aug 19		Sunday		
26 Aug 19	Monday	1600-1730 hrs	Digital Image Processing: Basic Concepts Rectification and Registration	Ms. Minakshi Kumar
27 Aug 19	Tuesday	1600-1730 hrs	Image Enhancement techniques	Dr. Poonam S. Tiwari
28 Aug 19	Wednesday	1600-1730 hrs	Image Classification Techniques and Accuracy Assessment	Dr. Poonam S. Tiwari
29 Aug 19	Thursday	Offline (Morning Session)	RS and Image Interpretation Practical	By University Coordinator
29 Aug 19	Thursday	1600-1730 hrs	Microwave Remote Sensing	Mr. Shashi Kumar
30 Aug 19	Friday	1630-1730 hrs	Demonstration: Image Processing	Ms. Minakshi Kumar
31 Aug 19		Saturday		
01 Sep 19		Sunday		
02 Sep 19		Monday	Vinayaka Chaturthi	
03 Sep 19	Tuesday	1600-1730 hrs	Hyperspectral Remote Sensing	Mrs. Shefali Agarwal
04 Sep 19	Wednesday	1600-1730 hrs	Advance Image classifier-OBIA ,fuzzy logic	-----
05 Sep 19	Thursday	1600-1730 hrs	Image Texture	-----
05 Sep 19	Thursday	Offline - as per computer lab availability Morning Session	Image Processing Hands-on and Practical Assignment	By University Coordinator
06 Sep 19	Friday	1530-1730 hrs	Panel Discussion/Query Session	Faculty