

## 33<sup>rd</sup> IIRS Outreach Programme

On

### “Advanced Image Analysis”

Sl No.	Course Name	From	To
1	Advanced Image Analysis	04-06-18	18-06-18

#### REVISED SCHEDULE

Date	Time	Title	Faculty
04/06/2018	1600-1730 hrs	Advanced Image Processing: Techniques and Applications	SA
05/06/2018	1600-1730 hrs	Soft Classifiers for EO data (ANN, Fuzzy etc.)	AK
06/06/2018	1600-1730 hrs	Rule based Classifiers for EO data (Decision tree, Random Forest etc.)	PST
07/06/2018	1600-1730 hrs	Change Detection: Methods and procedures (Lecture and Demonstration)	PST
08/06/2018	1600-1730 hrs	Image texture: Algorithms and Models (Lecture and Demonstration)	PST
11/06/2018	1600-1730 hrs	Pan Sharpening methods for Remote Sensing data	HP
12/06/2018	1600-1730 hrs	Methods and Algorithms for Image Segmentation, Object based Image Analysis	PST
13/06/2018	1600-1730 hrs	Image Processing in Spectral Domain: Fourier and Wavelet transforms	SA
14/06/2018	1600-1730 hrs	Automated Feature Extraction, Mathematical Morphology for feature refinement (Lecture and Demonstration)	HP
15/06/2018		Holiday	
18/06/2018	1545-1645 hrs	Web Based Image Processing and Algorithm development: A case study  & <b>followed by Panel Discussion</b>	HCK  Course Faculty

#### Faculty:

**SA:** Ms. Shefali Agarwal, Group Head, GTOP, IIRS

**AK:** Dr. Anil Kumar, Head, PRSD, IIRS

**PST:** Dr. Poonam S Tiwari, Sci./Eng. ‘SF’, GIT & DL, IIRS

**HP:** Dr. Hina Pandey, Sci./Eng. ‘SF’, PRSD, IIRS

**HCK:** Dr. Harish Karnatak, Head GIT & DL, IIRS

