

# Training on *Remote Sensing & Geo-Informatics – Basic*

**Space Applications Centre, Ahmedabad**

**11 – 15 March, 2019**

**Venue: 6227-6228, SAC Bopal Campus  
(VRG/EPISA)**

Time	Day-1 (11 March, 2019)	
9:30-10:00	Registration	
10:00-10:30	Programme Initiation / Introduction of participants	
10:30-11:00	<b>High-Tea</b>	
11:00-12:15	Basics of Remote Sensing	Hiren Bhatt
12:15-13:00	Image Processing (Session-I)	Ujjwal Gupta
13:00-14:00	<b>Lunch break</b>	
14:00-15:30	Image Processing (Session-II)	Ujjwal Gupta
15:30-15:45	<b>Tea Break</b>	
15:45-18:00	Image Processing Lab Practicals	Ujjwal Gupta and Navneet
Day-2 (12 March, 2019)		
9:30–11:00	Image Classification Techniques	Markand Oza
11:00-11:15	<b>Tea break</b>	
11:15-13:00	Image Classification Lab Session	Kriti Rastogi and Vikas
13:00-14:00	<b>Lunch break</b>	
14:00–15:00	Image Classification Lab Session	Kriti Rastogi and Biman Biswas
15:00–15:15	<b>Tea Break</b>	
15:15-18:00	Overview of EO Applications	S. P. Vyas

<b>Day-3 (13 March, 2019)</b>		
9:30-10:45	Basics of Geographic Information System	Shweta Mishra
10:45-11:00	<b>Tea break</b>	
11:00-13:00	Spatial analysis Techniques and Multicriteria Analysis in GIS	R. J. Bhanderi
13:00-14:00	<b>Lunch break</b>	
14:00-15:30	Hands on GIS Software (QGIS or ArcGIS)	R. J. Bhanderi, Shweta Mishra
15:30-15:45	<b>Tea Break</b>	
15:45-18:00	Hands on GIS Software (QGIS or ArcGIS)	R. J. Bhanderi, Shweta Mishra
<b>Day-4 (14 March, 2019)</b>		
9:30-10:45	Hands on GIS Software	R. J. Bhanderi and Navneet
10:45-11:00	<b>Tea break</b>	
11:00-13:00	Hands on GIS Software	Shweta Mishra and Biman Biswas
13:00-14:00	<b>Lunch break</b>	
14:00-15:00	Basics of Python and GDAL Utilities for GIS Data Processing	Shweta Mishra
15:00-15:15	<b>Tea break</b>	
15:15-18:00	Python and GDAL Practical Session	Shweta Mishra and Ujjwal Gupta
<b>Day-5 (15 March, 2019)</b>		
9:30-10:45	Introduction to Web GIS and OGC Services	Shweta Mishra
10:45-11:00	<b>Tea Break</b>	
11:00-12:00	IGIS GIS Software Demo and Applications	Rajendra Gaikwad
12:00-13:00	Tutorial on GPS and Mobile Applications	Arpit Agrawal
13:00-13:15	<b>Lunch Break</b>	
13:15-15:00	VEDAS Demo	Markand Oza
15:00-15:30	Valedictory function	