



Accredited 'B' Grade (2.67 CGPA) By NAAC  
Sarvajanik Education Society  
**Shree Ramkrishna Institute of Computer  
Education and Applied Sciences**



M.T.B. College campus, Athwalines, Surat.

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

**ISRO-IIRS EDUSAT Distance Learning Programme CENTRE**



**Department of Space**

**Government of India**

**Indian Space Research Organisation (ISRO)**

**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**

**Annual Course Calendar IIRS Distance Learning Programme –  
2020**



S.No	Course	Tentative Time Slot	Duration	Coordinator
1.	Geoprocessing and Visualization	January 13-24, 2020	2 Weeks	Dr. Harish Karnatak/Mr. Ravi Bhandari
2.	Space Based Application of Geospatial Technologies for Disaster Risk Reduction	February 17-March 06, 2020	3 Weeks	Dr. Arijit Roy/ Dr. C.M. Bhatt
3.	Planetary Geosciences	April 13-17, 2020	1 Week	Dr. R.S. Chatterjee/Dr. Mamta Chauhan
4.	Satellite Photogrammetry and its Application	May 04-11, 2020	1 Week	Dr. Anil Kumar/Dr. Hina Pande
5.	Application of Geoinformatics in Ecological Studies	June 15-26, 2020	2 Weeks	Dr. Hitendra Padalia/ Dr. Subrat Nandy
6.	Geospatial Inputs for Enabling Master Plan Formulation	July 27-31, 2020	1 Week	Dr. Pramod Kumar
7.	RS Applications in Agricultural Water Management	August 03-07, 2020	1 Week	Dr. N R Patel / Mr. Abhishek Danodia
8.	Basics of "Remote Sensing, Geographical Information System and	August 17 –November 20, 2019	14 Weeks	Dr. Poonam S. Tiwari

	Global Navigation Satellite System			
9.	Remote Sensing and Digital Image Analysis	August 17 -September 11, 2020	4 Weeks	Ms. Minakshi Kumar
10.	Global Navigation Satellite System	September 14- 25, 2020	2 Weeks	Dr. Ashutosh Bhardwaj
11.	Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling	September 21-25, 2020	1 Week	MASD Department
12.	Geographical Information System	September 28- October 23, 2020,	4 Weeks	Mr. Prasun Kumar
13.	RS & GIS Applications	October 26 –November 20, 2020	4 Weeks	Dr. C.M. Bhatt
14.	Remote Sensing of Land Degradation	December 01-December 07, 2020	1 Week	Dr. Suresh Kumar / Justin George K.
15.	Advances in SAR-Polarimetry & Interferometry	December 14-18, 2020	1 Week	Dr. Anil Kumar/ Dr. Shashi Kumar

### Full day Workshop through Distance Learning Platform- 2020

S.No	Workshop Title	Tentative Time Slot	Duration	Focal Point
1.	Space and Geospatial Techniques: An Introduction	January 10, 2020	1 day	Mr. Kamal Pandey
2.	Image Processing with Open source tools	April	1 day	Dr. Poonam S. Tiwari
3.	Machine Learning for Remote Sensing Data Classification	May	1 day	Dr. Anil Kumar
4.	Machine Learning for Temporal Remote Sensing Data Processing - Specific Crop Mapping	June	1 day	Dr. Anil Kumar
5.	Microwave Remote Sensing in Agriculture	July	1 day	Dr. H. S. Shrivastav / Dr. Dipanwita Halder
6.	Automatic Information Extraction from Satellite Images	October	1 day	Dr. Vandita Srivastav
7.	Glacier Dynamics & Climate Change	November	1 day	Dr. Pratima Pandey

8.	Satellite Remote Sensing of Aerosols	December	1 day	Dr. Manu Mehta
9.	UNSDG- UN Sustainable Development (Awareness program)	December 23, 2020	1 day workshop	Mrs. Mamta Chauhan