



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 January 27- February 07, 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 Global Navigation Satellite System	August 17 – November 20, 2019	14 Weeks	Dr. Poonam S. Tiwari
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
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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)		1 day workshop	GSD Department