



**Department of Space**  
**Government of India**  
**Indian Space Research Organisation (ISRO)**  
**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**



**Revised 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.	Basic Principles of Remote Sensing Technology	April 13-25, 2020	2 Weeks	Dr. Harish Karnatak
4	Basics of SAR Remote Sensing	May 26-30, 2020	1 Week	Mrs. Shefali Agarwal/ Dr. Shashi Kumar
5.	Planetary Geosciences	June 08-12, 2020	1 Week	Dr. R.S. Chatterjee/Dr. Mamta Chauhan
6.	“Remote Sensing & GIS Technology and Applications” for University Teachers & Government Officials	June 13 - July 01, 2020	3 Week	Dr. A. K. Mishra/Dr. Vandita Srivastava
7.	Health GIS	June 15-19, 2020	1 Week	Dr. Sameer Saran
8.	Satellite Photogrammetry and its Application	June29- July 03, 2020	1 Week	Dr. Anil Kumar/Dr. Hina Pande
9.	Application of Geoinformatics in Ecological Studies	July 13-24, 2020	2 Weeks	Dr. Hitendra Padalia/ Dr. Subrat Nandy
10.	Geospatial Inputs for Enabling Master Plan Formulation	July 27-31, 2020	1 Week	Dr. Pramod Kumar
11.	RS Applications in Agricultural Water Management	August 03-07, 2020	1 Week	Dr. N R Patel / Mr. Abhishek Danodia
12.	Basics of “Remote Sensing, Geographical Information System and Global Navigation Satellite System	August 17 – November 20, 2019	14 Weeks	Dr. Poonam S. Tiwari
13.	Remote Sensing and Digital Image Analysis	August 17 - September 11, 2020	4 Weeks	Ms. Minakshi Kumar
14.	Global Navigation Satellite System	September 14- 25, 2020	2 Weeks	Dr. Ashutosh Bhardwaj
15.	Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling	September 21-25, 2020	1 Week	MASD Department

16.	Geographical Information System	September 28- October 23, 2020,	4 Weeks	Mr. Prasun Kumar
17.	RS & GIS Applications	October 26 – November 20, 2020	4 Weeks	Dr. C.M. Bhatt
18.	Remote Sensing of Land Degradation	December 01- December 07, 2020	1 Week	Dr. Suresh Kumar / Justin George K.
19.	Advances in SAR-Polarimetry & Interferometry	December 14-18, 2020	1 Week	Dr. Anil Kumar/ Dr. Shashi Kumar

### Full day Workshop/Webinar Series 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.	Webinar Series on Crop Monitoring and Assessment	May 19- June 09, 2020	-	Dr. Sureh Kumar
3.	Machine Learning for Remote Sensing Data Classification	June 01, 2020	1 day	Dr. Anil Kumar
5.	Microwave Remote Sensing in Agriculture	July	1 day	Dr. H. S. Shrivastav / Dr. Dipanwita Haldar
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