

Online short course on Satellite meteorology applications in weather and climate studies August 7-11, 2023		
Day 1 (August 7, 2023)		
09:30-09:50	Inauguration of the Course	Director IIRS
Lecture 1 (10:00 -11:30)	Fundamentals of Satellite Meteorology	Dr. R. R. Kelkar (Ex-DGM-IMD)
Lecture 2 (11:30 -13:00)	Overview of space infrastructure, meteorological satellites and Sensors	Dr. C. M. Kishtawal (Ex- Scientist, ISRO)
Day 2 (August 8, 2023)		
Lecture 3 (10:00 -11:00)	Applications of Satellite data in Indian summer monsoon studies	Dr. Charu Singh, IIRS
Lecture 4 (11:00 -12:30)	Geophysical parameter retrievals and space based data products for weather and climate studies	Dr. P. K. Thapliyal, SAC, ISRO
Day 3 (August 9, 2023)		
Lecture 5 (10:00 -11:00)	Applications of Satellite Data for Tropical Cyclones Studies	Dr. S. K. Singh IIRS
Lecture 6 (11:00 -12:30)	Satellite based monitoring of thunderstorm activities over Indian region	Dr. Soma Senroy, IMD
Day 4 (August 10, 2023)		
Lecture 7 (10:00 -11:00)	Satellite Based Monitoring of Aerosol Particulate Matter and impact on regional environment	Dr. Yogesh Kant IIRS
Lecture 8 (11:00 -12:30)	Use of satellite data products in operational weather services	Dr. R. K. Jenamani, IMD
Day 5 (August 11, 2023)		
Lecture 9 (10:00 -11:00)	Detection of trace gases from satellite	Dr. R. P. Singh Director, IIRS
Lecture 10 (11:00 -12:30)	Applications of satellite data in Numerical weather prediction	Dr. Indira Rani, NCMRWF