



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

(Last Updated on September 28, 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 |

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| 16. | Geographical Information System | September 28- October 15, 2020, | 4 Weeks | Mr. Prasun Kumar |
| 17. | Basics of Geocomputation and Geoweb Services | October 19 - October 29, 2020 | 2 Weeks | Shri. Kamal Pandey |
| 18. | RS & GIS Applications | November 02 – November 20, 2020 | 4 Weeks | Dr. C.M. Bhatt |
| 19. | Remote Sensing of Land Degradation | December 01- December 07, 2020 | 1 Week | Dr. Suresh Kumar / Justin George K. |
| 20. | 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. Suresh 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 |