



सत्यमेव जयते

Government of India  
Department of Space

Indian Space Research Organisation (ISRO)

INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

iirs



Annual Course Calendar, IIRS Distance Learning Programme – 2023

S. No.	Couse No/Course ID	Programme Name	Tentative Dates & Timings	Durati on	Type	Domai n	Course Director/ Coordinat or
<b>January, 2023</b>							
1.	1029	अंतरिक्ष प्रौद्योगिकी और इसके अनुप्रयोग	January 10, 2023 (1000 hrs. to 1600 hrs.)	1 Day	Work shop	Space Techn ology	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
2.	113	Geodata Processing using Python	February 20-24 ,2023 (1100:1200 Hours) & (1600:1700 Hours)	2 Weeks	Cours e	Advan ces in GIS	Dr. Harish Chandra Karnatak/ Mr. Ravi Bhandari
3.	Announc ed	Basics of “Remote Sensing, Geographical Information System and Global Navigation Satellite System.	January 23 – April 21, 2023 by AICTE) (Through SWAYAM portal)	13 Weeks (Open)	MOO C	Remot e Sensin g and GIS	Dr. Poonam S. Tiwari Link to Join <a href="https://onlinecourses.swayam2.ac.in/aic23_ge20/preview">https://onlinecourses.swayam2.ac.in/aic23_ge20/preview</a>
<b>February, 2023</b>							
4.	7013	Geospatial Modeling Driven Urban Hazard and Risk Analysis	February 13 to February 17, 2023	1 Week	Speci al Cours e	Urban Hazard and Risk Analysi s	Dr. Kshma Gupta

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5.	7014	RS and GIS applications in Atmospheric and Oceanic Hazards	February 27 to March 3, 2023	1 Week	Speci al Course	Atmos pheric and Oceani c Hazard s	Dr. Charu Singh
<b>March, 2023</b>							
6.	114	Advances in Remote Sensing Techniques for Geological Applications	March 13-24, 2023 (1600 hrs. to 1700 hrs.)	2 weeks	Cours e	Geosci ences	Dr. R.S.Chatt erjee
7.	1031	One day workshop on Application of SAR Data for land deformation studies	<del>March 29, 2023</del> (1000 hrs. to 1600 hrs.) <b>Postponed New Date will be Announced</b>	1 Day	Work shop	Disast er Manag ement	Dr. Arijit Roy/ Mr. C.M.Bhatt
<b>April, 2023</b>							
8.	115	SAR Data Processing & its Application with Special Emphasis on RISAT-1A/EOS-	April 10-14, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Advan ces in Remot e Sensin g	Dr. Anil Kumar/Mr. Ashish Joshi
9.	116	Overview of Free and Open Source Software for Geospatial (FOSS4G)	April 24-28, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Advan ces in GIS	Dr. Vandita Srivastava / Mr. Prasun Gupta
<b>May, 2023</b>							
10.	1032	Application of Geomatics in Urban Disasters	May 24, 2023 (1000hrs. to 1600hrs.)	1 Day	Work shop	Urban Studie s	Dr. Sandeep Maithani/ Dr. Kshama Gupta
<b>June, 2023</b>							

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11.	118	Applications of machine learning in urban studies	June 05-09, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Urban Studie s	Dr. Sandeep Maithani/ Dr. Surendra Kumar Sharma
12.	09	Remote Sensing for Natural Resource Studies- For school students	June 12 -23, 2023 (Open)	10 session s	MOO C	Remot e Sensin g Applica tions	Dr. Harish Chandra Karnatak/ Dr. Poonam S. Tiwari
13.	6003	Space Technology & Applications-For School Teachers	June 19-23, 2023 (1100 hrs. to 1200 hrs.) & (1600 hrs. to 1700 hrs.)	1 week	Cours e	Space Techn ology	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
<b>July, 2023</b>							
14.	119	Geospatial Technology for Climate Smart Agriculture	July 10-14, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Agricul ture Scienc es	Dr. Suresh Kumar
15.	10	Advances in Geospatial Techniques for Monitoring and Modelling Hydro-meteorological Disasters	July 17-28, 2023 (1600 hrs. to 1700 hrs.)	2 Week (1600 hrs. to 1700 hrs.)	MOO C	Water Resour ce/Hyd rology	Dr. Praveen Thakur
16.	1033	Integration of ground-based in situ observations/me asurements with EO data for enhanced Geological Applications: Advantages and Challenges	July 27, 2023 (1000hrs. to 1600hrs.)	1 Day	Work shop	Geosc inces	Dr. R.S.Chatt erjee
<b>August, 2023</b>							

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17.	120	Satellite meteorology applications in weather and climate studies	Aug 07-11, 2023 (1100 hrs. to 1200 hrs.)	1 week	Cours e	Atmos pheric Scienc es	Dr. Yogesh Kant/ Dr. Charu Singh
18.	117	Geospatial Technology for Archeological studies	August 07-11, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Archeo logical studies	Mrs. Shefali Agrawal/Dr. r. Hina Pande
19.	121	Advanced Geospatial Techniques for Disaster Management Support	<b>August 14-19, 2023</b> <b>Course Postpone – New Date will be Announced</b>	1 week	Cours e	Disast er Managem ent	Dr. Arijit Roy/ Mr. C.M.Bhatt
20.	122	Basics of “Remote Sensing, Geographical Information System and Global Navigation Satellite System”.	August 28- November 17, 2023 (1600 hrs. to 1700 hrs.)	13 Weeks	Cours e	Remot e Sensin g and GIS	Dr. Poonam S. Tiwari
21.	123	Remote Sensing and Digital Image Analysis.	August 28- September 22, 2023 (1600 hrs. to 1700 hrs.)	4 Weeks	Cours e	Digital Image Analysi s	Mrs. Minakshi Kumar
<b>September, 2023</b>							
22.	125	अंतरिक्ष प्रौद्योगिकी का अवलोकन	September 14-28, 2023 (1100 hrs. to 1300 hrs.)	2 weeks	Cours e	Space Techn ology	Dr. Harish Chandra Karnatak/ Dr. Poonam S. Tiwari
23.	126	Overview of Global Navigation Satellite System.	September 25 – October 06, 2023 (1600 hrs. to 1700 hrs.)	2 Weeks	Cours e	Satellit e Naviga tion	Dr. Ashutosh Bhardwaj

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<b>October, 2023</b>							
24.	1036	Monitoring Forest Disturbances using Geo-spatial Technology	October 04,2023	01 Day	Work Shop	Forest Disturbances using Geo-spatial Technology	Dr. Hitendra Padalia
25.	127	Overview of Geographical Information System	October 09-27, 2023 (1600 hrs. to 1700 hrs.)	3 Weeks	Cours e	Geogr aphical Inform ation Syste m (GIS)	Dr. Vandita Srivastava / Mr.Prabha kar Alok Verma
26.	1034	Remote Sensing based data Analytics in Agriculture	October 26, 2023 (1000 hrs. to1600 hrs.)	1 Day	Work shop	Agricul ture Scienc es	Dr. Suresh Kumar
27.	128	Overview of Geocomputation and Geo-web services	October 30 – November 03, 2023 (1600 hrs. to 1700 hrs.)	1 Week	Cours e	Geoco mputati on/ Geowe b Servic es	Mr. Kamal Pandey
<b>November, 2023</b>							
28.	129	RS & GIS Applications in Natural Resource Management	November 06-17, 2023 (1600 hrs. to 1700 hrs.)	2 Weeks	Cours e	Remot e Sensin g Applica tions	Mr. C.M. Bhatt
29.	132	Application of Proximal Remote Sensing in Ecological Studies	<del>November 06-10, 2023</del> (1500 hrs. to 1545 hrs.) Unfortunately, due to some technical reason, our this scheduled	1 week	Cours e	Ecologi cal Studie s	Dr. Hitendra Padalia

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			Course has been cancelled for this year.				
30.	124	Advances in Remote Sensing and AI/ML Techniques for Hydrological Studies	<del>November 20-24, 2023</del> 1600 hrs-1730 hrs  Unfortunately, due to some technical reason, our this scheduled Course has been cancelled for this year.	1 week	Cours e	Water Resources/ Hydrology	Dr. Praveen Thakur
31.	130	Automated Feature Extraction form High Resolution Images	November 20-24, 2023 1100 hrs. to 1200hrs	1 Week	Cours e	Advan ces in Remote Sensing	Dr. Harish Karnatak/ Dr. Poonam S. Tiwari
<b>December, 2023</b>							
32.	131	Geo-data sharing and Cyber Security	November 27-December 08, 2023  (1600 hrs. to 1700 hrs.)	2 Week	Cours e	Cyber Security	Dr. Harish Karnatak/ Mr. Dharmendra Kumar
33.	1035	EdiCovariance Techniques for Ecosystem Studies	December 22, 2023 1000 hrs. to1600 hrs.	1 Day	Work shop	Forestr y	Dr. Hitendra Padalia/Dr . Taibang

**Contact:**

**Head, GIT&DL Department**  
 Geospatial Technology & Outreach Programme Group  
 Indian Institute of Remote Sensing, ISRO  
 Dept. of Space, Govt. of India  
 4- Kalidas Road, Dehradun  
**Email-** [dlp@iirs.gov.in](mailto:dlp@iirs.gov.in)  
**Tel-** +91-1352524130/4354/4120