



Government of India
Department of Space

iirs



Indian Space Research Organisation (ISRO)
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

Annual Course Calendar, IIRS Distance Learning Programme – 2023

S. No.	Couse No	Programme Name	Tentative Dates & Timings	Durati on	Type	Domain	Course Director/ Coordin ator
January, 2023							
1.	1029	अंतरिक्ष प्रौद्योगिकी और इसके अनुप्रयोग	January 10, 2023 (1000 hrs. to 1600 hrs.)	1 Day	Work shop	Space Technol ogy	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	Advanc es in GIS	Dr. Harish Chandra Karnatak/ Mr. Ravi Bhandari
3.	Announced	Basics of “Remote Sensing, Geographica l Information System and Global Navigation Satellite System.	January 23 – April 21, 2023 by AICTE) (Through SWAYAM portal)	13 Weeks (Open)	MOO C	Remote Sensing and GIS	Dr. Poonam S. Tiwari Link to Join https://onlinecourses.swayam2.ac.in/aic23ge20/preview
February, 2023							
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 Analysis	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	Atmosph eric and Oceanic Hazards	Dr. Charu Singh
March, 2023							
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	March 29, 2023 (1000 hrs. to 1600 hrs.) Postponed New Date will be Announced	1 Day	Work shop	Disaster Manage ment	Dr. Arijit Roy/ Mr. C.M.Bhat t
April, 2023							
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	Advanc es in Remote Sensing	Dr. Anil Kumar/M r. 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	Advanc es in GIS	Dr. Sameer Saran/ Mr. Prasun Gupta
May, 2023							
10.	117	Geospatial Technology for Archeologica l studies	May 08-12, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Archeol ogical studies	Mrs. Shefali Agrawal/ Dr. Hina Pande

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11.	1032	Application of Geomatics in Urban Disasters	May 24, 2023 (1000hrs. to 1600hrs.)	1 Day	Work shop	Urban Studies	Dr. Sandeep Maithani/ Dr. Kshama Gupta
June, 2023							
12.	118	Applications of machine learning in urban studies	June 05-09, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Urban Studies	Dr. Sandeep Maithani/ Dr. Surendra Kumar Sharma
13.	09	Remote Sensing for Natural Resource Studies- For school students	June 12 -23, 2023 (Open)	10 session s	MOO C	Remote Sensing Applicat ions	Dr. Harish Chandra Karnatak/ Dr. Poonam S. Tiwari
14.	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 Technol ogy	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
July, 2023							
15.	119	Geospatial Technology for Climate Smart Agriculture	July 10-14, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Agricult ure Science s	Dr. Suresh Kumar
16.	10	Advances in Geospatial Techniques for Monitoring and Modelling Hydro-meteorologic al Disasters	July 17-28, 2023 (1600 hrs. to 1700 hrs.)	2 Week (1600 hrs. to 1700 hrs.)	MOO C	Water Resourc e/Hydrol ogy	Dr. Praveen Thakur

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17.	1033	Integration of ground-based in situ observations /measurements with EO data for enhanced Geological Applications: Advantages and Challenges	July 27, 2023 (1000hrs. to 1600hrs.)	1 Day	Work shop	Geoscei nces	Dr. R.S.Chatt erjee
August, 2023							
18.	120	Satellite meteorology applications in weather and climate studies	Aug 07-11, 2023 (1100 hrs. to 1200 hrs.)	1 week	Cours e	Atmosph eric Science s	Dr. Yogesh Kant/ Dr. Charu Singh
19.	121	Advanced Geospatial Techniques for Disaster Management Support	August 14-19, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Disaster Manage ment	Dr. Arijit Roy/ Mr. C.M.Bhat t
20.	122	Basics of "Remote Sensing, Geographica l Information System and Global Navigation Satellite System".	August 28- November 17, 2023 (1600 hrs. to 1700 hrs.)	13 Weeks	Cours e	Remote Sensing 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 Analysis	Mrs. Minakshi Kumar
September, 2023							
22.	124	Advances in Remote Sensing and	Sep 04-08, 2023	1 week	Cours e	Water Resourc es/	Dr. Praveen Thakur

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		AI/ML Techniques for Hydrological Studies	(11100 hrs. to 1200 hrs.)			Hydrology	
23.	125	अंतरिक्ष प्रौद्योगिकी का अवलोकन	September 14-28, 2023 (1100 hrs. to 1300 hrs.)	2 weeks	Course	Space Technology	Dr. Harish Chandra Karnatak/ Dr. Poonam S. Tiwari
24.	126	Overview of Global Navigation Satellite System.	September 25 – October 06, 2023 (1600 hrs. to 1700 hrs.)	2 Weeks	Course	Satellite Navigation	Dr. Ashutosh Bhardwaj
October, 2023							
25.	127	Overview of Geographical Information System	October 09-20, 2023 (1600 hrs. to 1700 hrs.)	4 Weeks	Course	Geographical Information System (GIS)	Mr. Prabhakar Alok Verma
26.	1034	Remote Sensing based data Analytics in Agriculture	October 26, 2023 (1000 hrs. to 1600 hrs.)	1 Day	Workshop	Agriculture Sciences	Dr. Suresh Kumar
27.	128	Overview of Geocomputation and Geo-web services	October 30 – November 03, 2023 (1600 hrs. to 1700 hrs.)	1 Week	Course	Geocomputation/ Geoweb Services	Mr. Kamal Pandey
November, 2023							
28.	129	RS & GIS Applications in Natural Resource Management	November 06-17, 2023 (1600 hrs. to 1700 hrs.)	2 Weeks	Course	Remote Sensing Applications	Mr. C.M. Bhatt
29.	130	Automated Feature Extraction from High	November 20-24, 2023 1100 hrs. to 1200hrs	1 Week	Course	Advances in Remote Sensing	Dr. Harish Karnatak/ Dr. Poonam S. Tiwari

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		Resolution Images					
December, 2023							
30.	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
31.	1035	EdiCovariance Techniques for Ecosystem Studies	December 14, 2023 1000 hrs. to1600 hrs.	1 Day	Work shop	Forestry	Dr. Hitendra Padalia/Dr . Taibang

Contact:

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