



सत्यमेव जयते

Government of India

Department of Space

Indian Space Research Organisation (ISRO)

iirs



INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

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
January, 2023							
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 https://onlinecourses.swayam2.ac.in/aic23_ge20/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 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
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	Disast er Manag ement	Dr. Arijit Roy/ Mr. C.M.Bhatt
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	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
May, 2023							
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
June, 2023							
11.	118	Applications of machine learning in urban studies	June 05-09, 2023	1 week	Cours e	Urban Studie s	Dr. Sandeep Maithani/

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			(1600 hrs. to 1700 hrs.)				Dr. Surendra Kumar Sharma
12.	09	Remote Sensing for Natural Resource Studies- For school students	June 12 -23, 2023 (Open)	10 sessions	MOOC	Remote Sensing Applications	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	Course	Space Technology	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
July, 2023							
14.	119	Geospatial Technology for Climate Smart Agriculture	July 10-14, 2023 (1600 hrs. to 1700 hrs.)	1 week	Course	Agriculture Sciences	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.)	MOOC	Water Resource/Hydrology	Dr. Praveen Thakur
16.	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	Workshop	Geosciences	Dr. R.S.Chatterjee
August, 2023							
17.	120	Satellite meteorology applications in	Aug 07-11, 2023	1 week	Course	Atmospheric	Dr. Yogesh Kant/ Dr.

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		weather and climate studies	(1100 hrs. to 1200 hrs.)			Scienc es	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/D r. Hina Pande
19.	121	Advanced Geospatial Techniques for Disaster Management Support	August 14-19, 2023 (1600 hrs. to 1700 hrs.)	1 week	Cours e	Disast er Manag ement	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
September, 2023							
22.	124	Advances in Remote Sensing and AI/ML Techniques for Hydrological Studies	Sep 04-08, 2023 (11100 hrs. to 1200 hrs.)	1 week	Cours e	Water Resour ces/ Hydrol ogy	Dr. Praveen Thakur
23.	1036	Monitoring Forest Disturbances using Geo-spatial Technology	Sep 12	01 Day	Work Shop	Forest Disturb ances using Geo-spatial Techno logy	Dr. Hitendra Padalia

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24.	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
25.	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
October, 2023							
26.	127	Overview of Geographical Information System	October 09-20, 2023 (1600 hrs. to 1700 hrs.)	4 Weeks	Cours e	Geogr aphil Informa tion Syste m (GIS)	Dr. Vandita Srivastava / Mr.Prabha kar Alok Verma
27.	1034	Remote Sensing based data Analytics in Agriculture	October 26, 2023 (1000 hrs. to 1600 hrs.)	1 Day	Work shop	Agricul ture Scienc es	Dr. Suresh Kumar
28.	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
November, 2023							
29.	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
30.	132	Application of Proximal Remote Sensing in Ecological Studies	November 06-10, 2023 (1500 hrs. to 1545 hrs.)	1 week	Cours e	Ecologi cal Studie s	Dr. Hitendra Padalia

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31.	130	Automated Feature Extraction form High Resolution Images	November 20-24, 2023 1100 hrs. to 1200hrs	1 Week	Cours e	Advan ces in Remot e Sensin g	Dr. Harish Karnatak/ Dr. Poonam S. Tiwari
December, 2023							
32.	131	Geo-data sharing and Cyber Security	November 27-December 08, 2023 (1600 hrs. to 1700 hrs.)	2 Week	Cours e	Cyber Securit y	Dr. Harish Karnatak/ Mr. Dharmend ra Kumar
33.	1035	EdiCovariance Techniques for Ecosystem Studies	December 14, 2023 1000 hrs. to1600 hrs.	1 Day	Work shop	Forestr y	Dr. Hitendra Padalia/Dr . Taibang

Contact:

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