

Report on
7014- IIRS ISRO Outreach Programme
on
“RS and GIS Applications in Atmospheric and Oceanic Hazards”
(Human Resource Development Center, Integral University, Lucknow)
February 27 to March 3, 2023

Human Resource Development Centre (HRDC), Integral University Lucknow is one of the Remote Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India. HRDC has successfully organized the 7014- IIRS ISRO Outreach Programme on “RS and GIS Applications in Atmospheric and Oceanic Hazards” from February 27 to March 3, 2023 for working professionals and students in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun.

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo Informatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia.




The technical sessions constituted of a wide variety of topics taken by a team of expert’s viz.:

Date	Day	Time	Topic	Speaker
21/02/2023	Monday	15:00-16:00hrs.	Introduction to Atmospheric and Oceanic Hazards	Dr. D. Mitra
		16:00-17:30hrs	Overview of Earth Observation Satellites and Sensors for Atmospheric and Oceanic Hazards Studies	Dr. C.M. Kishtawal
28/02/2023	Tuesday	15:00-16:00hrs.	Applications of Satellite Data for the Study of Extreme Rainfall Events	Dr. Charu Singh
		16:00-17:30hrs	Gaseous Air Pollutants: Monitoring and Modeling	Dr. Shuchita Srivastava
01/03/2023	Wednesday	15:00-16:00hrs.	Tsunami Modelling and Coastal Inundation	Dr. Siva Srinivas K.
		16:00-17:30hrs	Application of Satellite Data for Tropical Cyclones Studies	Dr. S.K. Singh
02/03/2023	Thursday	15:00-16:00hrs.	Satellite Based Monitoring of Aerosol Particulate Matter	Dr. Yogesh Kant
		16:00-17:30hrs	Satellite Data Based Fog	Ms. Pooja Jindal

			Estimation and Analysis	
03/03/2023	Friday	15:00-16:00hrs. 16:00-17:30hrs	Overview of Storm Surge Geo-web Portals for Disaster Management Support and Applications	Prof. A. D. Rao Mr. C.M. Bhatt

Participants learned a lot about RS and GIS Applications in Atmospheric and Oceanic Hazards in these program 26 participants attended this outreach program.

Institute, Coordinator and Participant Certificate by ISRO:

 सत्यमेव जयते	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	 इसरो ISRO
बहिः पॉप्यार संगर्क/ विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME		COR20237014642
संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE		
<p>यह प्रमाणित किया जाता है कि इंटेग्रल विश्वविद्यालय, लखनऊ ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम वायुमंडलीय और महासागरीय खतरों में आरएस और जीआईएस का अनुप्रयोग में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 27 फरवरी, 2023 से 03 मार्च, 2023 तक किया गया।</p>		
<p>This is to certify that INTEGRAL UNIVERSITY,LUCKNOW- NODAL CENTER, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on RS and GIS applications in Atmospheric and Oceanic Hazards. This online programme was conducted during February 27, 2023 to March 03, 2023</p>		
		
दिनांक/ Date: 17-03-2023 देहरादून/ Dehradun	प्रमुख, जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS	समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

