

Report on
57- IIRS ISRO Outreach Programme on
“Geo-processing and Visualization on Web Platform”
(Human Resource Development Center, Integral University, Lucknow)
27th January to 07th February, 2020

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. Human Resource Development Centre, Integral University, Lucknow had successfully organized the 57- IIRS ISRO Outreach Programme on “Geo-processing and Visualization on Web Platform” on 27 January– 07 February, 2020 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) a constituent unit of 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.:

- Overview of GIS and different geospatial data types
- Overview to Python programming using
- Introduction anaconda and Jupyter notebook
- Raster data processing, resampling, and analysis
- Vector data processing and analysis
- Geo-spatial data visualization on web
- Familiarization to various open-source geospatial data processing libraries e.g. GDAL, Geopandas etc

Overall, **Thirty Four Participants** attended the program and got benefitted. The program was well appreciated by faculty members and students.

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	
	बहिः परिसर संयुक्त/ विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR576422020
	संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि इंटेग्रल यूनिवर्सिटी, लखनऊ ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम वेब प्लेटफॉर्म पर भू-प्रसंस्करण और विजुअलाइजेशन में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 27 जनवरी, 2020 से 07 फरवरी, 2020 तक किया गया।</p> <p>This is to certify that INTEGRAL UNIVERSITY,LUCKNOW, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on Geo-processing and Visualization on Web Platform. This online programme was conducted during January 27, 2020 to February 07, 2020</p>		
दिनांक/ Date: 06-07-2020 देहारादून/ 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