

**Report on**  
**54- IIRS ISRO Outreach Programme**  
**on**  
**“RS & GIS Applications”**  
**(Human Resource Development Center, Integral University, Lucknow)**  
**29<sup>th</sup> October to 22<sup>nd</sup> November 22, 2019**

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 54- IIRS ISRO Outreach Programme on “RS & GIS Applications” from October 29–November 22, 2019 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.

Following very informative topics were covered during the outreach program by various subject experts.

<b>Date_Topic</b>	<b>Resource Person</b>	<b>Date</b>	<b>Link</b>
01 Nov 2019_RS and GIS for Coastal Zone Management	Dr. D. Mitra	11/01/2019	<a href="#">download</a>
04 Nov 2019_Engineering Geology with emphasis on landslide studies	Dr. Shovan Chattoraj	11/04/2019	<a href="#">download</a>
05 Nov 2019_Lecture on Geology and Geomorphology	Dr. R. S. Chatterjee	11/05/2019	<a href="#">download</a>
07 Nov 2019_Space-enabled Products and Services for Disaster Management	Dr. P. K. Champati Ray	11/07/2019	<a href="#">download</a>
08 Nov 2019_RS and GIS Application in Urban and Regional Planning	Shri. Pramod Kumar	11/08/2019	<a href="#">download</a>
13 Nov 2019_Remote Sensing Application to Atmospheric and Marine Environment by Dr. A.K Mishra	A. K Mishra	11/13/2019	<a href="#">download</a>
14 Nov 2019_RS and GIS Applications in Forestry and Ecology	Dr. Hitendra Padalia	11/14/2019	<a href="#">download</a>

18 Nov 2019_RS & GIS Applications to Water Resources Management	Dr. Praveen Kumar Thakur	11/18/2019	<a href="#">download</a>
19 Nov 2019_Geospatial Technology for climate change studies	Dr. Arijit Roy	11/19/2019	<a href="#">download</a>

Overall sixty seven participants including faculty and students participated in the program. It was very information program and well appreciated by participants.

### Institute, Coordinator and Participant Certificate by ISRO:

	<p><b>भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING</b>  <b>भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION</b>  <b>अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA</b></p>	
<p>बहिः परिसर संयुक्त/ विस्तार कार्यक्रम प्रमाण पत्र  OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME</p>		<p>COR546422020</p>
<p>संस्थान की सहभागिता का प्रमाण पत्र  CERTIFICATE OF PARTICIPATION OF INSTITUTE</p>		
<p>यह प्रमाणित किया जाता है कि <b>इंटेग्रल यूनिवर्सिटी, लखनऊ</b> ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम <b>रिमोट सेंसिंग और जीआईएस एप्लीकेशन</b> में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 29 अक्टूबर, 2019 से 22 नवंबर, 2019 तक किया गया।</p>		
<p>This is to certify that <b>INTEGRAL UNIVERSITY,LUCKNOW</b>, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on <b>RS &amp; GIS Applications</b>. This online programme was conducted during October 29, 2019 to November 22, 2019</p>		
<p>दिनांक/ Date: 27-02-2020  देहरादून/ Dehradun</p>	<p>  प्रमुख,  जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  Head, Geoweb Services, IT &amp; Distance Learning Department, IIRS</p>	<p>  समूह प्रमुख,  भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  Group Head, Geospatial Technologies &amp; Outreach Programme Group, IIRS</p>