

**One Week IIRS ISRO Outreach Programme on
“Advances in Remote Sensing and geospatial technologies for
Disaster early warning, monitoring and mitigation”
(Human Resource Development Center, Integral University, Lucknow)
July 8, 2019 to July 12, 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 46-Outreach Programme on **“Advances in Remote Sensing and geospatial technologies for Disaster early warning, monitoring and mitigation”** from July 8, 2019 to July 12, 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) 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.

Prime focus of 46-IIRS ISRO programme was Geological hazards: early warning, early detection and Monitoring, Global initiatives and emerging technological trends in disaster early warning and monitoring and Geo-web portals and disaster management.



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

08 July 2019	Geological hazards: early warning, early detection and monitoring	Dr. P. K.Champati Ray, IIRS ISRO
09 July 2019	Forest fire: detection, monitoring and modelling for susceptibility analysis	Dr. Arijit Roy, IIRS ISRO
10 July 2019	Global initiatives and emerging technological trends in disaster early warning and monitoring	Shri. C. M. Bhatt, IIRS ISRO
11 July 2019	Role of UAVs in disaster monitoring & mitigation	Mrs. Shefali Agarwal, IIRS ISRO
12 July 2019	Geo-web portals and disaster management	Dr. Harish C. Karnatak, IIRS ISRO

Link for IIRS ISRO Lectures

ftp://edusatdata30:EDU_46_IIRS@ftp.iirs.gov.in/Lecture_Video/02%20July%80719_Geological%20Hazards20fire%20monitoring%20and%20risk%20assessment_Dr.%20P.K.%20Champati.wmv

ftp://edusatdata46:EDU_46_IIRS@ftp.iirs.gov.in/Lecture_Video/03%20April%202019_applicati%20of%20remote%20sensing%20and%20global%20and%20initiatives%20managment_E.%20Arijit.wmv

ftp://edusatdata30:EDU_46_IIRS@ftp.iirs.gov.in/Lecture_Video/06%20April%202019_%20Hyper-temporal%20%20FF%20Monitoring%20using%20Geo-stationary%20Earth%20Observation%20Platform%20by%20Dr.%20C%20P%20Singh.wmv

Overall **Twenty Nine participants** from University attended the program and got benefitted from the much needed and timely **insights on geospatial technologies for Disaster early warning, monitoring and mitigation.**