

**One Week IIRS ISRO Outreach Programme on
“Geoinformatics for Forest Fire Management”
(Human Resource Development Center, Integral University, Lucknow)
April 2, 2018 to April 6, 2018**

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 has successfully organized the 30-Outreach Programme on **“Geoinformatics for Forest Fire Management”** from April 2, 2018 to April 6, 2018 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 30-IIRS ISRO programme was:

- Forest Fire Scenario in India,
- Forest Fire Statistics,
- Long Term Characterization of Forest Fires,
- Forest Fire Alert System,
- Forest Fire Monitoring and Risk Assessment, and
- Role of climate change in fire incidences.

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

02 April 2018	Fire Risk Model	Dr. Arijit Roy, IIRS ISRO
03 April 2018	Application of Remote Sensing and ICT for Effective Forest Fire Management	E.Vikram, Deputy Director, IIRS ISRO
04 April 2018	Forest Fire Monitoring and Risk Assessment	Dr. Arijit Roy, IIRS ISRO
05 April 2018	Forest Fire Burnt Area Assessment using Remote Sensing Hyperspectral Image Pre - Processing	Dr. Hitendra Padalia, Scientist/Engineer SF & Head Forestry and Ecology
06 April 2018	Hyper-temporal Forest Fire Monitoring using Geo-stationary Earth Observation Platform	Dr. C. P. Singh Scientist/Engineer Space Applications Centre, ISRO, Ahmedabad

Overall **Twenty Four participants** from University attended the program and got benefitted from the much needed and timely **insights on Geoinformatics for Forest Fire Management**. The program was very well coordinated by Mr. Imran Ullah Khan (Center Coordinator), Mrs. Saima Beg and Mr. Mohd. Tabrej Alam (Department of Electronics and Communication Engineering).

Link for IIRS ISRO Lectures

ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/02%20April%202018_Forest%20fire%20monitoring%20and%20risk%20assessment_Dr.%20Arijit%20Roy.wmv

ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/03%20April%202018_application%20of%20remote%20sensing%20and%20ICT%20and%20effective%20forest%20fire%20managment_E.%20Vikram.wmv

ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/06%20April%202018_%20Hyper-temporal%20%20FF%20Monitoring%20using%20Geo-stationary%20Earth%20Observation%20Platform%20by%20Dr.%20C%20P%20Singh.wmv

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