

**A Report on  
One Week IIRS ISRO Outreach Programme on Close Range Photogrammetry  
and Terrestrial Laser Scanning**

in association with

Department of Electronics & Communication Engineering under the aegis of Human Resource  
Development Center, Integral University, Lucknow.

The Department of Electronics and Communication Engineering under the aegis of Human Resource Development Center, successfully organized the 28<sup>th</sup> Outreach Programme on “**Close Range Photogrammetry and Terrestrial Laser Scanning**” from **January 08-12, 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, India. This online course is a unique opportunity to learn about various aspects of remote sensing by devoting one-and-half-hour each day (1600-1730 Hrs).

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.:

- Ground Based 3D Modelling, Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Digital Terrestrial Photogrammetry and Applications, Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Demonstration on Close Range Photogrammetric Software and Applications Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Active remote sensing technique Dr. Hina pandey, Scientist IIRS ISRO, Dehradun

- Introduction to light detection and ranging (LiDAR) Dr. Hina pandey, Scientist IIRS ISRO, Dehradun

### **Link for IIRS ISRO Video Lectures**

[ftp://edusatdata28:EDU\\_2018\\_28@ftp.iirs.gov.in/Lecture%20Video/08%20Jan%202018\\_Ground%20base4d%20D%20modelling\\_Dr.%20Poonam%20S%20Tiwari.wmv](ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/08%20Jan%202018_Ground%20base4d%20D%20modelling_Dr.%20Poonam%20S%20Tiwari.wmv)

[ftp://edusatdata28:EDU\\_2018\\_28@ftp.iirs.gov.in/Lecture%20Video/09%20Jan%202018\\_Digital%20Terrestrial%20Photogrametry%20and%20Application\\_Dr.%20Poonam%20S.%20Tiwari.mp4](ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/09%20Jan%202018_Digital%20Terrestrial%20Photogrametry%20and%20Application_Dr.%20Poonam%20S.%20Tiwari.mp4)

[ftp://edusatdata28:EDU\\_2018\\_28@ftp.iirs.gov.in/Lecture%20Video/10%20Jan%202018\\_Demonstration%20on%20close%20range%20photogrametric%20software%20and%20applications\\_Dr.%20Poonam.wmv](ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/10%20Jan%202018_Demonstration%20on%20close%20range%20photogrametric%20software%20and%20applications_Dr.%20Poonam.wmv)

[ftp://edusatdata28:EDU\\_2018\\_28@ftp.iirs.gov.in/Lecture%20Video/11%20Jan%202018\\_introduction%20to%20LIDAR\\_Dr.%20Hina%20Pande.wmv](ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/11%20Jan%202018_introduction%20to%20LIDAR_Dr.%20Hina%20Pande.wmv)

[ftp://edusatdata28:EDU\\_2018\\_28@ftp.iirs.gov.in/Lecture%20Video/12%20Jan%202018\\_Terrestrial%20LiDAR%20&%20its%20applications\\_Shri%20S.%20Raghuvendra.wmv](ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/12%20Jan%202018_Terrestrial%20LiDAR%20&%20its%20applications_Shri%20S.%20Raghuvendra.wmv)