

RFRI participated in the 28th IIRS outreach Programme on “Close Range Photogrammetry and Terrestrial Laser Scanning” organised by Indian Institute of Remote Sensing, Dehradun.

RFRI participated in a National Natural Resource Management System-Standing committee on Training and Education (SC-T), ISRO sponsored course organised by Indian Institute of Remote Sensing, Dehradun on “Close Range Photogrammetry and Terrestrial Laser Scanning” under the IIRS outreach Programme from 08/01/2018 to 12/01/2018. This was the first programme conducted in Rain Forest Research Institute, Jorhat coordinated by Shri Dinesh Kumar Meena, Scientist-C, Ecology and Biodiversity Division, RFRI. The main objective of the programme was to introduce the participants to basic concepts of Close Range Photogrammetry and Terrestrial Laser Scanning in terms of equipment requirements, data capture, processing and 3D output generation. The lecture was delivered by the eminent scientists of IIRS through live video sessions with the help of NKN connectivity.

The training was inaugurated by Dr. A. Senthil Kumar, Director IIRS wherein he highlighted the needs, recent advancement and importance of photogrammetry technology in this changing world. Dr. Poonam S. Tiwari, Scientist-SF, department of Remote Sensing and Geoinformatics Group, IIRS delivered a presentation on ‘Introduction to 3D modelling. On the second and third day Dr. Poonam S. Tiwari, Sc-SF, elaborated the basic principle and application of Close Range Photogrammetry. She also demonstrated the 3D modelling of an object through IIRS made open source software “TRIVIM”. On the fourth day Dr. Hina Pande, Scientist-SF, Department of Photogrammetry and Remote Sensing, IIRS, discussed about the principle and techniques of LIDAR based 3D Modelling. At the end, Shri S. Raghavendra, Scientist-SD, Department of Photogrammetry and Remote Sensing, IIRS, presented the applications of LIDAR for 3D modelling and also demonstrated the terrestrial lesser scanning techniques.

From RFRI 10 persons including official of technical service and Ph.D. scholars participated and benefited from the programme.

Glimpses of training



