

## **Inauguration of training on 3D-Terrestrial Laser scanner at CHQ, Kolkata**

The Director General, GSI inaugurated the ten days field and lab based training programme on the 3D-Terrestrial Laser scanner on 13.11.2018 at Conference Hall, CHQ, Kolkata. The inauguration was attended by Dr S. Raju, ADG and NMH-IV; Dr. K. Jayabalan, DDG, MIVA; Directors from NCEGR and GHRM Centre, CHQ, Kolkata and fourteen trainee officers, including surveyors from CHQ and Eastern Region, GSI. Dr. K. Jayabalan, DDG, MIVA welcomed the participants and highlighted the importance of high precision survey instruments such as 3D laser scanner in landslide studies. Dr S. Raju, ADG & NMH IV in his opening remarks stressed that this instrument is first of its kind in GSI and its success will guide its use by all Regions of GSI in future.

The 3D terrestrial Laser scanner is a high end instrument based on LIDAR technology, recently procured by Landslide Studies Division, GHRM Centre, to be used for large scale geological mapping and topographical survey, change detection, monitoring of slope deformation etc. The present training will include developing the core capacity to know the set-up and working of the instrument (3D Laser Scanner along with attached DGPS), data capturing in field and data processing using softwares for generation of precise Digital Terrain Models (DTMs).

Dr. Dinesh Gupta, Director General, GSI addressed the august gathering and stressed that the technology in 3D Laser Scanner has immense potential and its utility and output has to commensurate with its speed and accuracy. He advised the entire participant to learn the techniques for field use and opined that the output from this will help GSI to make use of this instrument in other Missions too.

Shri G. Bandopadhyay, Meatech solution Pvt Ltd presented a brief about the instrument and its capabilities during the inaugural session. The training session commenced after the inaugural program.



Dr. S. Raju, ADG & NMH IV welcoming Dr. Dinesh Gupta, Director General, GSI.



Dr. Dinesh Gupta, Director General, GSI addressing the gathering.