



RNS INSTITUTE OF TECHNOLOGY

Department of Civil Engineering

Five-Day Workshop On Advanced Surveying Using Total Station

Five-day WORKSHOP ON ADVANCED SURVEYING USING TOTAL STATION was held in the department of Civil Engineering between March 29-April 3, 2021. Mr. Sabareshwaran S Assistant Professor (Senior), Department of Civil Engineering JNNCE, Shivamogga inaugurated the event with a technical talk presided by hands on session for THREE DAYS. The workshop was attended by faculty members and students of V semester BE(CV). The technical talk introduced to the students the concepts of TOTAL STATION, surveying concepts of use of the equipment.

Three day hands on session enabled the students to understand the working principle of total station. Students were guided to do specific survey work such as highway alignment. A total of FIVE TOTAL STATIONS were used to guide the participants (around 50 numbers) and all the participants were well acquainted of the total station concept at the end of third day. They were also guided to process the data using AutoCAD software. Internal Resource persons Prof. Dharmesh, Prof. Arjun and Prof. Ravi Kumar were actively involved in the conduction of workshop and guiding the participants in understanding the concepts of total station.

The workshop ended with Technical talk on Drone Technology by Mr. Neel Sagar Ganeshan ALFA Drone Technology Bengaluru who apprised the participants of use of DRONE technology in advanced surveying. The technology explained by the speaker made the participants to understand that the use of DRONES can enable complex topographical surveys to be completed quickly.

The certificates were distributed to the participants by the speaker in the day. All the participants gave a good feedback about the conduction of the workshop.