

ONE DAY WORKSHOP ON GLOBAL POSITIONING SYSTEM (GPS) AND TOTAL STATION APPLICATIONS

Date: 2 March, 2021

Organizing Department: Department of Civil Engineering

Mode: Offline

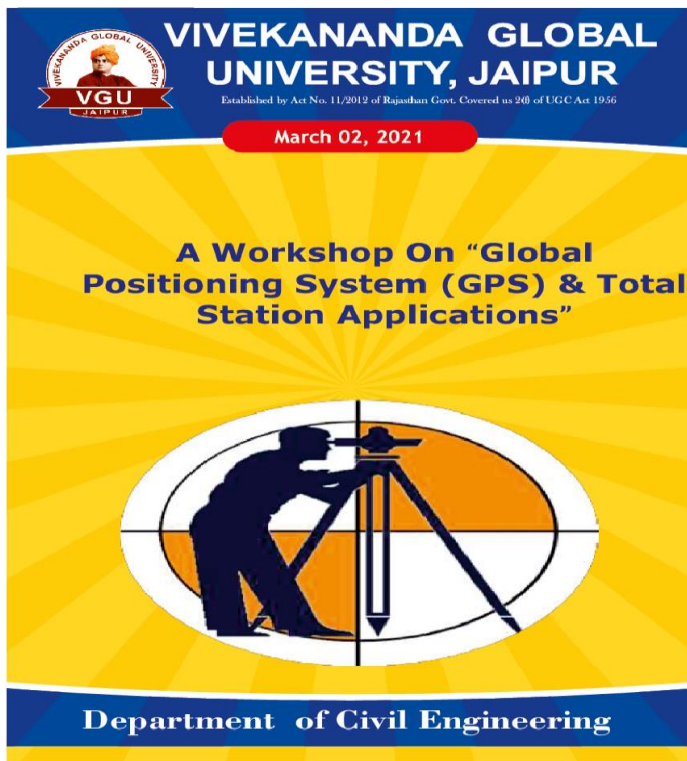
No. of Participants: 33

Duration of Event: 10:00 am - 2:00 pm

Resource Person: Mr. D.N. Saraswat

Coordinator Name: Mr. Harshil Bhatt

Event Venue: Seminar Hall, VGU



PARTICIPANTS

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Brief Report

GPS refers to a group of US Department of Defense satellites constantly circling the earth. These satellites transmit very low power radio signals and anyone with a GPS receiver can access these satellites and locate their own position on the earth. GPS technology is very useful in the classroom. Students can use GPS receivers for mapping activities, academic scavenger hunts, problem solving, cooperative learning activities, etc. GPS technology is a great way to supplement any learning environment. This seminar was designed to facilitate up-gradation of knowledge of working professionals in the above field by providing a forum for sharing knowledge, experience, innovations and inventions.

The seminar covered following topics:

- GPS and its function
- GPS use in Surveying
- Future of GPS

Conclusion

This workshop made the students understand the importance and application of GPS technology in various infrastructure based entrepreneurship ventures. Such types of skills are important for proper planning and detailing of projects for starting any type of infrastructure development.