



Digital Land Surveying And Mapping(DLS&M)

ABOUT THE COURSE

The objective of the course is to provide basics of digital surveying and mapping of earth surface using total station, GPS and mapping software. The course starts with introduction to land surveying followed by fundamentals of total station and its working & measurements for land surveying. Then, fundamentals, working & measurements using GPS for land surveying will be discussed. Followed by mapping fundamentals, digital surveying procedure, working, data reduction etc. Finally, the course will deals with working and demonstration of a digital land surveying and mapping of an area.

COURSE PLAN

- Week 1: Fundamentals of Land Surveying & GPS
- Week 2: Global Positioning System (GPS)
- Week 3: Global Positioning System (GPS)
- Week 4: TOTAL STATION(TS)
- Week 5: TS & DIGITAL LAND SURVEYING (DLS)
- Week 6: DLS& DIGITAL MAPPING (DM)
- Week 7: DM & DIGITAL DATA MANIPULATION (DDM)
- Week 8: DIGITAL LAND SURVEYING AND MAPPING (DLS&M)