

SURVEYING LAB - II (Code No: A40190)

1. Study of Theodolite in detail - practice for measurement of horizontal and vertical angles.
2. Measurement of horizontal angles by method of repetition and reiteration.
3. Trigonometric Leveling - Heights and distance problem (Two Exercises)
4. Heights and distance using Principles of tachometric surveying (Two Exercises)
5. Curve setting - different methods. (Two Exercises)
6. Setting out works for buildings & pipe lines.
7. Determination of area using total station
8. Traversing using total station
9. Contouring using total station
10. Determination of remote height using total station
11. State-out using total station
12. Distance, gradient, Diff, height between two inaccessible points using total stations

LIST OF EQUIPMENTS

1. Theodolites and leveling staffs.
2. Tachometers.
3. Total station