

2. Surveying & Geomatics Laboratory



Major Equipments:

- Total Station NTS352.
- Theodolite 20" with Stand(US), Metric Chain 30 M, Steel Arrows, Measuring Tape 30 M.
- Measuring Tape 5M, Prismatic Compass 150 mm dia with stand, Plumbing Bob.
- Ranging Rod, Wooden mallet, Metal Hammer, Plane Table set with P. T. Board 600 x 750 M.M.
- Alidade, Circular Box Compass, Spirit Level, U fork with plumb Bob.
- Dumpy Level with tripod, Levelling Staff.

Experiment List:

- Chain surveying
- Compass surveying
- Plane Table survey
- Contouring
- Traversing by Using Theodolite: Preparation of Gales Table from field data.
- Traversing by using Total Station.
- Use of Total Station for levelling and Contouring.
- Setting out of Simple Curves.