

SURVEYING LABORATORY

The Surveying Laboratory is an important part of engineering education that provides practical knowledge of land surveying techniques and instruments. It helps students apply theoretical concepts to real field situations by learning to measure distances, angles, and elevations accurately. Through hands-on use of instruments like levels, theodolites, total stations, and GPS, students develop skills in data collection, analysis, and map preparation. The lab also builds accuracy, teamwork, and professional competence required for engineering projects.



Sl. No.	Name of the Equipment
1	Prismatic compass
2	Theodolites
3	Survey compass with stand
4	Plane table
5	Auto level
6	Dumpy level
7	Total stations
8	Wooden Hammer
9	GPS
10	Digital Theodolite with Tripod and carry case
11	Tripod Stand
12	Cross staff
13	Ranging rods
14	Leveling staff
15	Engineering survey chain