



SURVEYING LABORATORY

Location: ROOM NO. W/S 111, WORKSHOP BUILDING, ADIT

Introduction of Lab:

Surveying is the first step in any Civil engineering project. Surveying is required for planning, design and execution of any construction work. The department has a very good surveying laboratory which has all the required instruments for carrying out various survey works. It caters to the need of the under graduate course on survey. Students learn techniques for gathering field data with both traditional and modern instruments and demonstrate their proficiency on weekly lab exercises.

Major Instruments:

- Total Station Pentax make
- Digital - Electronic Theodolite with compensator and stand
- Automatic level
- Transit vernier theodolite 10" & 20" accuracy with stand
- Plane table with all accessories
- Digital planimeter
- Dumpy level
- Parallax Bar
- Stereoscope

**CIVIL ENGINEERING DEPARTMENT,
A.D.PATEL INSTITUTE OF TECHNOLOGY**