ENGINEERING SURVEYING LAB

List of Field Works:

- 1. Survey by chain survey of road profile with off sets in case of road widening.
- 2. Survey in an area by chain survey (Closed circuit)
- 3. Determination of distance between two in accessible points by using compass.
- 4. Finding the area of the given boundary using compass (Closed Traverse)
- 5. Planet able survey; finding the area of a given boundary by the method of Radiation
- 6. Planet able survey; finding the area of a given boundary by the method of intersection.
- 7. Two Point Problem by the planet able survey.
- 8. Fly leveling: Height of the instrument method (differential leveling)
- 9. Fly leveling: rise and fall method.
- 10. Fly leveling: closed circuit/open circuit.
- 11. Fly leveling; Longitudinal Section and Cross sections of a given road profile.

Note: Any 10 field work assignments must be completed.