

Department of Civil Engineering

Geotechnical Engineering Laboratory

Lab location: 2nd Floor, Room No. 210

Area of the lab in carpet: 54.64 Sq. M.

Objectives:

The mission of the Geotechnical Engineering Laboratory at Terna Engineering College is to instruct the students in the field testing and laboratory testing of soil to determine their Physical, Index & Engineering properties.

Strength:

Lab is well equipped with Geotechnical Engineering advanced Equipment.

Major Equipment:

1. Consolidation Test Apparatus.
2. Triaxial Shear Test Apparatus.
3. Laboratory C.B.R Apparatus.
4. Sand Pouring Cylinder Apparatus.
5. Constant Head & Falling Head Permeability Apparatus.
6. Standard protector Test Apparatus.
7. Modified proctor Test.
8. Set of Is Coarse Sieves.

Courses:

1. Geotechnical Engineering- I (T.E Semester V)
2. Geotechnical Engineering- II (T.E Semester VI)
3. Mini Project (T.E.)
4. Major Project (B.E. Semester VII, VIII)