

CVE 497: GEOTECHNICAL ENGINEERING LAB (1 Unit)

Moisture content determination, atterberg limits (determination of liquid and plastic limits of soils, shrinkage limits), particle size distribution – mechanical methods, particle size distribution – hydrometer method; specific gravity of soils. Unconfined compression test; carlifornia bearing ratio (CBR) test, triaxial test – without pore pressure measurement, direct shear test, consolidation test, permeability test.