



S. N. Patel Institute of Technology & Research Centre, Umrahk

(A Vidyabharti Trust Institution)

Civil Engineering Department Semester-V

Laboratory Name: Soil Mechanics

Sr.No.	Equipment Name and Description
1	Hand operated Auger (75 mm dia.), Drilling rods, Guiding plates, trowels.
2	Tripod, Manila rope, Doughnut hammer of weight 63.5kg , Anvil, split spoon sample, Driving rod
3	Consists of a 5/8"-inch diameter steel rod with a 60 degree conical tip, steel cone, Sounding rod, Mantle tube, driving mechanism, Measuring equipment.
4	Permeameter, De-aired water, 4.75mm and 2mm IS sieves, mixing pan, stop watch, graduated measuring cylinder, beaker, and thermometer.
5	Consolidometer, Brass rings, Porous stones
6	Consolidometer
7	Model tank, Model test pile, Hydraulic jack.