

Geotechnical Engineering Lab

Objective: The course focus on determination of index and engineering properties of soil based on the basic principles of soil mechanics.

Area of the Lab: 177.6 sq.m

Details of the Equipment:

- Triaxial outfit, motorized, with AIM064, AIM074, AIM265.
- AIM081-1- 2, AIM077 and AIM072.
- Direct shear test apparatus 2kN capacity.
- Laboratory California bearing ratio test (CBR).
- Sampleject-5000 Hydraulic sample extractor, Electronic cum hand operated.
- Unconfined compression tester for load measurement (UCC)

Lab Cost:

S.No	Academic Year	Expenditure during this Year	Total Expenditure
1	2020-21	Rs. 13,806	Rs. 12,52,759
2	2019-20	Rs. 9,775	Rs. 12,38,953
3	2016-17	Rs. 1,17,079	Rs. 12,29,178
4	2014-15	Rs. 11,12,099	Rs. 11,12,099

Centre Incharge:

Mr.B.Narasimha Rao , Sr.Asst. Professor, Dept. of CE

Supporting Staff:

Mr.S.V.Narayana Reddy , Lab Asst , Dept. of CE



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Direct Shear Testing Machine

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Overhead Tank for conducting Permeability of course grained soil



Triaxial testing machine



Direct testing machine



Equipments in Geotechnical engineering laboratory



Triaxial testing machine