

SOIL MECHANICS & FOUNDATION ENGINEERING LABORATORY

The soil mechanics and foundation engineering laboratory is equipped with the latest apparatus for testing of soils at UG, PG and research level. Apart from the laboratory testing by the students/ scholars, the lab is used for consultancy to outside organizations. Names of important equipment in the laboratory are:

Name of the Important equipment	Technical Manpower Support		
	Name of the Technical Staff	Designation	Qualification
<ul style="list-style-type: none"> • Field density test – sand replacement and core cutter apparatus • Vane shear test • Liquid limit apparatus • Proctor needle • Proctor compaction test – standard test, modified test apparatus • Sieve shaker • Unconfined compaction test apparatus • Moisture meter • Permeability test apparatus – falling head apparatus • Constant head apparatus • Relative Density Apparatus AIM 115 • Direct Shear Test Apparatus Electronic of Aim-104, AIM10501 • Consolidation Apparatus, Aim 129, dr. No. 970097F& 970097 R • Triaxial outfit, Motorized with electronic measurement, 	Mr. Ghyas Mohammed	Lab Attendance	High School



TRIAXIAL APPARATUS

DIRECT SHEAR APPARATUS





DE-AIR APPARATUS

THREE GANG OEDOMETER





SINGLE GANG OEDOMETER

STATIC CONE PENETRATION
APPARATUS





FALLING HEAD
PERMEAMETER

CONSTANT HEAD PERMEAMETER





PANORAMIC VIEW

RELATIVE DENSITY APPARATUS





OVEN