



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, CHITTOOR (AUTONOMOUS)

Awarded 'A' Grade by Technical Education, Govt. of A.P, Approved by AICTE, New Delhi,

Permanently Affiliated to JNTUA, Ananthapuramu. NBA Accredited for B.Tech – CSE, ECE & MECH Courses

CIVIL ENGINEERING DEPARTMENT

Geotechnical Engineering Laboratory

Research and teaching in the field of geology and mineral resources engineering involves the use of processing and analysis of materials with widely varying properties. The laboratory is equipped to perform all the necessary basic characterization of soils. Geotechnical engineering is the branch of civil engineering that deals with the engineering behavior of subsurface materials. It includes Soil Mechanics, which is essential to identify, characterize and study the mechanics of soil/rock and Applied Soil Mechanics, which transfers the behavioral knowledge to practice.

List of Laboratory Equipment's Available:

- Sieve Sets And Shakers
- Direct Shear Test Equipment
- Tri axial Test Equipment
- Unconfined Compression Test Equipment
- Consolidation Test Equipment
- Vane Shear Test Equipment
- Standard Penetration Test
- Field Density Apparatus
- CBR Testing Machines
- Specific Gravity By Pycnometer

