

Faculty of Civil Engineering
B.Tech. AGRICULTURAL ENGINEERING
(R2021) Semester: III
SOIL SCIENCE LABORATORY

Sl. No.	Description of Equipment	Quantity available
1.	Identification of rocks and minerals	1 no
2.	Collection and processing of soil samples	1 no
3.	Determination of soil moisture, EC and pH	2 nos
4.	Field density determination by Core Cutter and Sand Replacement method	2 nos
5.	Specific gravity determination by Pycnometer	2 nos
6.	Textural analysis of soil by International Pipette method	2 nos
7.	Grain size analysis by using Mechanical shaker	2 nos
8.	Determination of Organic carbon	Required nos
9.	Estimation of Gypsum requirements	Required nos.