## Civil Engg. Materials Testing & Evaluation –I Lab Sem: 5th

Week	Practical Name
1 <sup>ST</sup>	To determine the grain size distribution of soil by hydrometer method
2 <sup>ND</sup>	To determine the shrinkage limit, shrinkage ratio, shrinkage index and volumetric shrinkage of soils
3 <sup>RD</sup>	To determine the relative density (density index) of cohesionless soil
4 <sup>TH</sup>	To determine the shear strength of soil by using Triaxial shear apparatus
5 <sup>TH</sup>	To perform consolidated undrained Triaxial test with Pore water pressure measurement.
6 <sup>TH</sup>	To perform consolidated undrained Triaxial test with Pore water pressure measurement.
7 <sup>TH</sup>	VIVA VOCE-I
8 <sup>TH</sup>	To determine the consolidation properties of soil
9 <sup>TH</sup>	To determine the consolidation properties of soil
10 <sup>TH</sup>	To perform the undisturbed Sampling of soils
11 <sup>TH</sup>	To perform the Standard Penetration test.
12 <sup>TH</sup>	To perform the Standard Penetration test.
13 <sup>TH</sup>	To perform the Dynamic Cone Penetration Test.
14 <sup>TH</sup>	VIVA VOCE-II
15 <sup>TH</sup>	To perform the Dynamic Cone Penetration Test.