Lesson Plan

PC/CE/43-P SOIL MECHANICS LAB

Week	Practical	
	Lecture day	**Topic (Including Assignment Test)**
1st	1	Visual Soil Classification and water content determination. **Group - 1**
	2	Visual Soil Classification and water content determination. **Group - 2**
2nd	3	Determination of specific gravity of soil solids. **Group - 1**
	4	Determination of specific gravity of soil solids. **Group - 2**
3rd	5	Grain size analysis-sieve analysis. **Group - 1**
	6	Grain size analysis-sieve analysis. **Group - 2**
4th	7	Liquid limit and plastic limit determination. **Group – 1**
	8	Liquid limit and plastic limit determination. **Group - 2**
5th	9	Field density by: Sand replacement method **Group – 1**
	10	Field density by: Sand replacement method **Group - 2**
6th	11	Field density by: Core cutter Method. **Group – 1**
	12	Field density by: Core cutter Method. **Group - 2**
7th	13	**MINOR TEST I**
	14	
8th	15	Proctor's compaction test. **Group - 1**
	16	Proctor's compaction test. **Group - 2**
9th	17	**VIVA – VOCE Group - 1**
	18	**VIVA – VOCE Group - 2**
10th	19	Coefficient of permeability of soils. **Group - 1**
	20	Coefficient of permeability of soils. **Group - 2**
11th	21	Unconfined compressive strength test. **Group – 1**
	22	Unconfined compressive strength test. **Group – 2**
12th	23	Direct shear test on granular soil sample. **Group - 1**
	24	Direct shear test on granular soil sample. **Group - 2**
13th	25	Unconsolidated undrained (UU) triaxial shear test of fine grained soil sample. **Group - 1**
	26	Unconsolidated undrained (UU) triaxial shear test of fine grained soil sample. **Group - 2**
14th	27	**MINOR TEST II**
	28	
15th	29	**VIVA – VOCE Group - 1**
	30	**VIVA – VOCE Group - 2**