

**Lesson Plan**  
**PCC-CVE306-P SOIL MECHANICS LAB**

<b>Discipline</b>	B.Tech in Civil Engineering
<b>Semester</b>	VI (3 <sup>rd</sup> Year)
<b>Subject</b>	PCC-CVE306-P SOIL MECHANICS LAB
<b>Work Load (Lecture / Practical) per week (in hrs.)</b>	Practical – 02

Week	Practical	
	Lecture day	Topic (Including Assignment Test)
1 <sup>st</sup>	1	Specific Gravity of soil particles. (Group 1)
	2	Specific Gravity of soil particles. (Group 2)
2 <sup>nd</sup>	3	Sieve Analysis (Group 1)
	4	Sieve Analysis (Group 2)
3 <sup>rd</sup>	5	Liquid Limit, Plastic Limit & Shrinkage Limit Specific gravity of bitumen. (Group 1)
	6	Liquid Limit, Plastic Limit & Shrinkage Limit (Group 2)
4 <sup>th</sup>	7	Proctor's Standard Compaction Test (Group 1)
	8	Proctor's Standard Compaction Test (Group 2)
5 <sup>th</sup>	9	Determination of Field Density (Group 1)
	10	Determination of Field Density (Group 2)
6 <sup>th</sup>	11	Constant Head Permeameter Test. (Group 1)
	12	Constant Head Permeameter Test. (Group 2)
7 <sup>th</sup>	13	<b>MINOR TEST I</b>
	14	
8 <sup>th</sup>	15	
	16	
9 <sup>th</sup>	17	<b>VIVA – VOCE Group - 1</b>
	18	<b>VIVA – VOCE Group - 2</b>
10 <sup>th</sup>	19	Variable Head Permeameter Test. (Group 1)
	20	Variable Head Permeameter Test. (Group 2)
11 <sup>th</sup>	21	Unconfined Compression Test (Group 1)
	22	Unconfined Compression Test (Group 2)
12 <sup>th</sup>	23	Triaxial Compression Test (U.U Test) (Group 1)
	24	Triaxial Compression Test (U.U Test)(Group 2)
13 <sup>th</sup>	25	Consolidation Test. (Group 1)
	26	Consolidation Test. (Group 2)
14 <sup>th</sup>	27	<b>MINOR TEST II</b>
	28	
15 <sup>th</sup>	29	<b>VIVA – VOCE Group - 1</b>
	30	<b>VIVA – VOCE Group - 2</b>