

Lesson Plan
PCC-CVE302-P TRANSPORTATION ENGINEERING - I (P)

Discipline	B. Tech in Civil Engineering
Semester	VI (3 rd Year)
Subject	PCC-CVE302-P Transportation Engg. - I Lab
Work Load (Lecture / Practical) per week (in hrs.)	Practical – 02

Week	Practical	
	Lecture day	List of Experiments
1 st	1	Flakiness and Elongation Index of aggregates. (Group 1)
	2	Flakiness and Elongation Index of aggregates. (Group 2)
2 nd	3	Specific gravity and water absorption test on aggregates (Group 1)
	4	Specific gravity and water absorption test on aggregates (Group 2)
3 rd	5	Specific gravity of bitumen. (Group 1)
	6	Specific gravity of bitumen. (Group 2)
4 th	7	Proportioning of aggregates (Group 1)
	8	Proportioning of aggregates (Group 2)
5 th	9	Marshall's stability test. (Group 1)
	10	Marshall's stability test. (Group 2)
6 th	11	Stripping test on aggregates. (Group 1)
	12	Stripping test on aggregates. (Group 2)
7 th	13	MINOR TEST I
	14	
8 th	15	
	16	
9 th	17	VIVA – VOCE Group - 1
	18	VIVA – VOCE Group - 2
10 th	19	Determination of bitumen content. (Group 1)
	20	Determination of bitumen content. (Group 2)
11 th	21	CBR lab test on soil. (Group 1)
	22	CBR lab test on soil. (Group 2)
12 th	23	Traffic volume study using videography technique. (Group 1)
	24	Traffic volume study using videography technique. (Group 2)
13 th	25	Traffic speed study using videography technique (Group 1)
	26	Traffic speed study using videography technique (Group 2)
14 th	27	MINOR TEST II
	28	
15 th	29	VIVA – VOCE Group - 1
	30	VIVA – VOCE Group - 2