CVE– 426-P TRANSPORTATION ENGINEERING– II (P)

Name of the Faculty: Mr. Manik Goyal, Mr.Harish Kumar

Discipline: B.Tech in Civil Engineering

Semester:8th

Subject:CVE – 426-P TransportationEngineering–II(P)

Lesson Plan Duration:15 Weeks

Work Load(Lecture/Practical)perweek(in hrs.): Practical – 02

Groups for Practical Lab: 04 (G1, G2, G3 and G4)

Week	Practical day	Practical
		Topic(IncludingAssignmentTest)
1st	1	Experiment1–FlakinessandElongationIndexof aggregates(G1 G2)
	2	Experiment1–FlakinessandElongationIndexof aggregates(G3 G4)
2nd	3	Experiment2–Specific gravityandwaterabsorption test on aggregates(G1 G2)
	4	Experiment2-Specific gravity andwater absorption test on aggregates(G3 G4)
3rd	5	Experiment3-Specific gravity of bitumen(G1 G2)
	6	Experiment3-Specificgravityof bitumen (G3 G4)
4th	7	Experiment4-Proportioning of aggregates(G1 G2)
	8	Experiment4-Proportioning of aggregates (G3 G4)
5th	9	Experiment5-Marshall'sstabilitytest(G1 G2)
	10	Experiment5-Marshall'sstabilitytest(G3 G4)
6th	11	Experiment6-Stripping test on aggregates(G1 G2)
	12	Experiment6-Strippingtestonaggregates (G3 G4)
7th	13	**VIVA–VOCE Group-1**
	14	**VIVA–VOCE Group-2**
8th	15	**VIVA–VOCE Group-3**
	16	**VIVA–VOCE Group-4**
9th	17	Experiment7– Determination of bitumencontent(G1 G2)
	18	Experiment7-Determination of bitumencontent(G3 G4)
10th	19	Experiment8-CBR lab teston soil (G1 G2)
	20	Experiment8-CBR lab teston soil(G3 G4)
11th	21	IRC 37 – 2012 specification,CBR calculationsand errorcorrections(G1 G2)
	22	IRC 37 – 2012 specification,CBR calculationsand errorcorrections(G3 G4)
12th	23	Experiment 9–Traffic volume study using videography technique(G1 G2)
	24	Experiment 9 - Traffic volume study using videography technique(G3 G4)
13th	25	Experiment 10 - Traffic speed study using videography technique(G1 G2)
	26	Experiment 10 - Traffic speed study using videography technique(G3 G4)
14th	27	**VIVA–VOCE Group-1**
	28	**VIVA–VOCE Group-2**
15th	29	**VIVA–VOCE Group-3**
	30	**VIVA–VOCE Group-4**