

PCC-CVE201-P SURVEYING LAB-I (P)

Name of the Faculty	Mr.Manik Goyal
Discipline	B.Tech in Civil Engineering
Semester	III (2nd Year)
Subject	Surveying Lab-I (P)
Lesson Plan Duration	15 Weeks (from September to December2021)
Work Load (Lecture / Practical) per week (in hrs)	Practical – 02

Week	Practical	
	Lab day	Topic (Including Assignment Test)
1 st	1	Exp. 1 - Chain surveying: Chaining and chain traversing. (Group 1)
	2	Exp. 1 - Chain surveying: Chaining and chain traversing. (Group 2)
2 nd	3	Exp. 2 - Compass traversing. (Group 1)
	4	Exp. 2 - Compass traversing. (Group 2)
3 rd	5	Exp. 3- Plane table Survey methods of plane table surveying, two point problem. (Group 1)
	6	Exp. 3 - Plane table Survey methods of plane table surveying, two point problem.(Group 2)
4 th	7	Exp. 4- Plane table Survey methods of plane table surveying three point problem.(Group 1)
	8	Exp.4 - Plane table Survey methods of plane table surveying three point problem.(Group 2)
5 th	9	Exp. 5 – Leveling: Profile leveling. (Group 1)
	10	Exp. 5 – Leveling: Profile leveling. (Group 2)
6 th	11	Exp. 5 – Leveling: Profile leveling. (Group 1)
	12	Exp. 5 – Leveling: Profile leveling. (Group 2)
7 th	13	VIVA- VOCE Group - 1
	14	VIVA – VOCE Group - 2
8 th	15	Exp. 6- Leveling: longitudinal section and cross sections leveling. (Group 1)
	16	Exp. 6 - Leveling: longitudinal section and cross sections leveling. (Group 2)
9 th	17	Exp.6 - Leveling: longitudinal section and cross sections leveling. (Group 1)
	18	Exp.6- Leveling: longitudinal section and cross sections leveling. (Group 2)
10 th	19	Exp. 7- Reciprocal leveling. (Group 1)

	20	Exp. 7- Reciprocal leveling. (Group 2)
11 th	21	Exp. 8- Permanent adjustment of level. (Group 1)
	22	Exp. 8- Permanent adjustment of level. (Group 2)
12 th	23	Exp. 9- Contouring and preparation contour map. (Group 1)
	24	Exp. 9- Contouring and preparation contour map. (Group 2)
13 th	25	Exp. 9- Contouring and preparation contour map. (Group 1)
	26	Exp. 9- Contouring and preparation contour map. (Group 2)
14 th	27	VIVA-VOCE Group- 1
	28	VIVA -VOCE Group- 2
15 th	29	Exp. 10- Use of Tangent Clinometers. (Group 1)
	30	Exp. 10- Use of Tangent Clinometers. (Group 2)