

Surveying- II Lab (PC/CE/44-P)

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Week	Practical		
	Day	Topics / Experiments	Date
1 st	1	Study of theodolite, measurement of horizontal angle.	
	2	Study of theodolite, measurement of horizontal angle.	
2 nd	3	Measurement of vertical angle.	
	4	Measurement of vertical angle.	
3 rd	5	Permanent adjustment.	
	6	Permanent adjustment.	
4 th	7	Tachometric constants,	
	8	Tachometric constants,	
5 th	9	Calculation of horizontal distance and elevation with the help of Tacheometer	
	10	Calculation of horizontal distance and elevation with the help of Tacheometer	
6 th	11	Calculation of horizontal distance and elevation with the help of Tacheometer	
	12	Calculation of horizontal distance and elevation with the help of Tacheometer	
7 th		MINOR TEST I	
8 th	13	VIVA – VOCE	
9 th	14	Setting of simple circular curves by off- set method: off -set from chord produced,	
	15	Setting of simple circular curves by off- set method: off -set from chord produced,	
10 th	16	Setting of simple circular curves by off- set method: off -set from long chord.	
	17	Setting of simple circular curves by off- set method: off -set from long chord.	
11 th	18	Setting of simple circular curves by deflection angle Method.	
	19	Setting of simple circular curves by deflection angle Method.	
12 th	20	An exercise of triangulation	
	21	An exercise of triangulation	
13 th	22	Base line measurement.	
	23	Base line measurement.	
14 th		MINOR TEST II	
15 th	24	VIVA – VOCE	