

Surveying-II Lab (PC/CE/8-P)			
Week	Practical		
	Day	Topics / Experiments	Date
1 <sup>st</sup>	1	Study of theodolite, measurement of horizontal angle.	
	2	Study of theodolite, measurement of horizontal angle.	
2 <sup>nd</sup>	3	Measurement of vertical angle.	
	4	Measurement of vertical angle.	
3 <sup>rd</sup>	5	Permanent adjustment.	
	6	Permanent adjustment.	
4 <sup>th</sup>	7	Tachometric constants,	
	8	Tachometric constants,	
5 <sup>th</sup>	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 <sup>th</sup>	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 <sup>th</sup>		<b>MINOR TEST I</b>	
8 <sup>th</sup>	13	<b>VIVA – VOCE</b>	
9 <sup>th</sup>	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 <sup>th</sup>	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 <sup>th</sup>	18	Setting of simple circular curves by deflection angle Method.	
	19	Setting of simple circular curves by deflection angle Method.	
12 <sup>th</sup>	20	An exercise of triangulation	
	21	An exercise of triangulation	
13 <sup>th</sup>	22	Base line measurement.	
	23	Base line measurement.	
14 <sup>th</sup>		<b>MINOR TEST II</b>	
15 <sup>th</sup>	24	<b>VIVA – VOCE</b>	