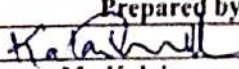
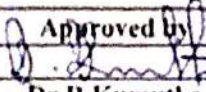




Department of Civil Engineering		LP: CE 18412
B.E/B.Tech/M.E/M.Tech : Civil Engineering		Rev. No: 02
Regulation: 2018		Date:01.03.2022
PG Specialisation : NA		
Sub. Code / Sub. Name : CE18412 / SURVEY PRACTICAL		

Session No*	List of Experiments
CYCLE-I	
1.	Study of chains and its accessories, Aligning, Ranging, Chaining Cross staff surveying - Determination of area of given polygon using perpendicular offset method (Chain Surveying)
2.	Determination of area by Radiation method & Distance between two inaccessible points (Compass Surveying)
3.	Setting out works – Foundation marking using tapes for a single Room
4.	Study of levels and leveling staff, Fly leveling using Dumpy level & Tilting level
5.	Check leveling using Dumpy level & Tilting level
6.	Study of Theodolite ,Measurement of horizontal angle by Repetition & Reiteration Method
7.	Determination of elevation of an object using single plane method when base is accessible/ inaccessible
CYCLE-II	
8.	Determination of tacheometric constants
9.	Heights and distances by stadia tacheometry
10.	Heights and distances by tangential tacheometry
11.	Study of Total Station, Measuring Horizontal and vertical angles
12.	Traverse using Total station and Area of Traverse
13.	Determination of distance and difference in elevation between two inaccessible points using Total station
Content beyond syllabus (if any): Distance between two inaccessible points (Compass Surveying)	

* Session Duration: 200 minutes

	Prepared by	Approved by
		
Name	Mr.Kalaivannan R	Dr.R.Kumutha
Designation	Assistant Professor	Professor & Head of the Department
Date	01.03.2022	01.03.2022
Remarks* :		