

PROGRAMME : CIVIL ENGINEERING COURSE NAME : CIVIL ENGINEERING LAB 1 COURSE CODE : Pr 1 SEMESTER : 3RD PERIODS/WEEK: 6 TOTAL PERIODS: 90	NAME OF THE FACULTY: MANASI PRADHAN SESSION : 2020-2021 DATE : 01-09-2020 To 19-03-2021
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WEEK	CLASS	TOPICS
1	1	Determination of Young's Modulus of steel in a tensile testing machine.
	2	Determination of Young's Modulus of steel in a tensile testing machine.
2	1	Determination of fineness of Cement by sieving.
	2	Determination of fineness of Cement by sieving.
3	1	Determination of normal Consistency, initial and final setting time of Cement
	2	Determination of normal Consistency, initial and final setting time of Cement
4	1	Determination of soundness of Cement by Le-Chatelier apparatus.
	2	Determination of soundness of Cement by Le-Chatelier apparatus.
5	1	Determination of Compressive Strength of cement.
	2	Determination of Compressive Strength of cement.
6	1	Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks.
	2	Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks.
7	1	Grading of Fine & Coarse aggregate by sieving for concrete .
	2	Grading of Fine & Coarse aggregate by sieving for concrete .
8	1	Determination of Specific Gravity and Bulking of sand.
	2	Determination of Specific Gravity and Bulk density of coarse aggregate
9	1	Grading of Road Aggregates
	2	Grading of Road Aggregates
10	1	Determination of Crushing Value Test of aggregates
	2	Determination of Crushing Value Test of aggregates
11	1	Los-Angeles Abrasion Test of aggregate.
	2	Los-Angeles Abrasion Test of aggregate.
12	1	Impact test of aggregate
	2	Impact test of aggregate
13	1	Determination of soundness test of road aggregates.
	2	Non Destructive tests on Concrete: Demonstration on Rebound hammer

14	1	Determination of Compressive Strength of concrete cubes
	2	Determination of Compressive Strength of concrete cubes
15	1	Determination of Workability of concrete by Slump Cone method
	2	Determination of Workability of concrete by Compaction Factor method.