

DISCIPLINE: CIVIL	SEMESTER: 3RD	NAME OF THE TEACHING FACULTY: MRS RASM GADAPALLA	
SUBJECT NAME: CIVIL ENGG. LAB-I	No. of Days per Week Class Allotted: 2days	Semester From Date: 15/09/2022 To Date: 22/12/2022 No of Weeks :15	
September 3rd week 4th week	3rd week- (1st, 2nd day) 4th week- (1st, 2nd, day)	Material Testing Laboratory: 1. Test on Steel Determination of Young's Modulus of steel in a tensile testing machine.	
October 1st week 2nd week 3rd week 4th week 5th week November 1st week 2nd week 3rd week	1st week- (1st, 2nd, day) 2nd week- (1st, 2nd, day) 3rd week- (1st, 2nd, day) 4th week- (1st, 2nd, day) 5th week- (1st, 2nd, day) 1st week- (1st, 2nd, day) 2nd week- (1st, 2nd, day) 3rd week- (1st, 2nd, day)	2. Tests on Cement, Sands, Bricks, Blocks & Aggregates 2.1 Determination of fineness of Cement by sieving. 2.2 Determination of normal Consistency, initial and final setting time of Cement 2.3 Determination of soundness of Cement by Le-Chatelier apparatus. 2.4 Determination of Compressive Strength of cement. 2.5 Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks. 2.6 Grading of Fine & Coarse aggregate by sieving for concrete. 2.7 Determination of Specific Gravity and Bulking of sand. 2.8 Determination of Specific Gravity and Bulk density of coarse aggregate. 2.9 Grading of Road Aggregates. 2.10 Determination of Flakiness, Elongation of Road aggregates. 2.11 Determination of Crushing Value Test of aggregates. 2.12 Los-Angeles Abrasion Test of aggregate. 2.13 Impact test of aggregate. 2.14 Determination of soundness test of road aggregates	
November 4th week 5th week December 1st week 2nd week 3rd week	4th week- (1st, 2nd, day) 5th week- (1st, 2nd, day) 1st week- (1st, 2nd, day) 2nd week- (1st, 2nd, day) 3rd week- (1st, 2nd, day)	Concrete Laboratory 3.1 Determination of Compressive Strength of concrete cubes. 3.2 Determination of Workability of concrete by: a) Slump Cone method, b) Compaction Factor method. 3.3 Non Destructive tests on Concrete: a) Demonstration on Rebound hammer b) Ultrasonic Pulse Velocity measuring Instrument.	
November - 3rd week	3rd week - 4th Day	Internal Assessment	

R. Gadapalla
 29/10/22
Rasmi Gadapalla
(Sr. Lecturer CIVIL)