LESSON PLAN FOR WINTER SESSION (2022-23)

	- 1			NAME OF THE FACULTY: Mr. ARABINDA SAHU
ROGRA	MME : CIVI	L ENGINE	ERING	SESSION : 2022-23
OURSE	NAME : CIV	IL ENGIN	EERING	LABORATORY-I SESSION : 2022-23 DATE : 15/09/22 To 22/12/22
	CODE : PR			BALLAN
EMESTE	CR: 3rd			
FRIODS	WEEK: 6			TOPICS
OTAL P	ERIODS:78			TOPICS
WEEK	PERIODS(3 Hr)	GROUP	UNITS	I. Material Testing Laboratory:
	1	1	1	I. Material Testing Laboratory: 1. Test on Steel Determination of Young's Modulus of steel in a tensile testing machine. 2. Test on Steel Determination of Young's Aggregates
				1 Test on Steel Determination of Young a Sandarian Steel Determination of Young a Sandarian Steel Determination of Company by Sieving
	2	1	. 1	a to a semination of fineness of California
Sept. 3rd Week		11	1	I. Material Testing Laboratory
· · · ccii	1			Cande Hricks, Blocks & Aggregation
	2	n	2	2. Tests on Cement, Santos, Brices 2.1 Determination of fineness of Cement by sieving 2.1 Determination of Normal Consistency of Cement
	-	1	2	2.2 Determination of Normal Consistency of Cement
Sept. 4th Week Oct. 1st Week	1	1	2	2.2 Determination of Normal Consistency of Cement 2.2 Determination of Initial and Final setting time of Cement
	1	n	2	2.2 Determination of Initial and Final Setting time of Cement 2.2 Determination of Initial and Final setting time of Cement
	2	n	2	2.2 Determination of Annual State
	1	1		TT-lideve
	2	n	Puja	Holidays
	1 2	u		2.3 Determination of soundness of Cement by Le-Chatelier apparatus
	1	1	2	2.3 Determination of soundness of Centent by Be Compensive Strength of cement 2.4 Determination of Compressive Strength of cement by Le-Chatelier apparatus
Oct. 2nd Week	_	1	2	
	1	u	2	2.3 Determination of soundiess of Compressive Strength of cement 2.4 Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks
	2	11	2	a & Determination of Compressive Strength of
Oct. 3rd Week	1	I	2	2.5 Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks 2.5 Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks 2.5 Determination of Compressive Strength of Burnt clay, Fly Ash Bricks and Blocks
		1 11	2	2.5 Determination of Compressive Strength of Burnt Clay, Fly Asia Extended
	1	п	2	
	1	1	2	a To-te-mination of Specific Glavity of State
Oct. 4th Week	_	1	2	
	1	11	2	2.7 Determination of Building of Sand 2.7 Determination of Specific Gravity of sand
	1	п	2	2.7 Determination of Buiking of said of coarse aggregate
	1	I	2	2.8 Determination of Specific Gravity of coarse aggregate 2.8 Determination of Bulk density of coarse aggregate
Nov. 1st Week	2	I	2	2.8 Determination of Bulk density of coarse aggregate 2.8 Determination of Specific Gravity of coarse aggregate
	1	п	1 2	2 9 Determination of Bulk delisity of Section 1997
	2	I	2	2.9 Grading of Road Aggregates Comparison of Road aggregates Comparison of Road aggregates
Nov. 2nd Week	1 2	1	2	2.10 Determination of Flakilless, Elongania
	1	п	2	2.9 Grading of Road Aggregates
	1 2	П	2	
	1	I	2	2.11 Determination of Crushing Value 2.12 Los-Angeles Abracon Test of aggregate. 2.12 Los-Angeles Abracon Test of aggregates
Nov. 3rd	1 2	I	2	2.12 Los-Angeles Abrasion Test of aggregates 2.11 Determination of Crushing Value Test of aggregates
Week	1	Ш	2	2 12 Los-Angeles Adrasion Test of Spirit
	2	II	2	2.13 Impact test of aggregate 2.13 Impact test of aggregate test of road aggregates
Nov. 4th Week	1	I	2	a 14 Determination of Soundiess tost error
		I	1 2	2.13 Impact test of aggregate 2.13 Impact test of coundness test of road aggregates
		II	1 2	2 14 Determination of Soundhess ver
	2	П	-	II Concrete Laboratory
Dec. 1s Week	1	1	3	a 4 Determination of Country
	-	1	1 3	II Concrete Laboratory
	st 2	1	نـــــــــــــــــــــــــــــــــــــ	2.1 Determination of Commission
		п	Π:	II Concrete Laboratory
	1	11	—	
	2	п		11 Concrete Laboratory 3.1 Determination of Compressive Strength of concrete cubes 3.2 Determination of Workability of concrete by Slump Cone method 3.2 Determination of Workability of concrete by Compaction Factor method
		1	+	3.1 Determination of Chimbers Stump Cone includes 3.2 Determination of Workability of concrete by Compaction Factor method 3.2 Determination of Workability of concrete by Compaction on Rebound hammer 3.2 Determination on Concrete: Demonstration on Rebound hammer
Dec. 2r Week	1	++	_	3.2 Determination of Workability of concrete by Compaction Factor 3.2 Determination of Workability of concrete by Compaction Factor 3.3 Non Destructive tests on Concrete: Demonstration on Rebound hammer 3.3 Non Destructive tests on Concrete: Ultrasonic Pulse Yeldocity measuring Instrument.
		1 1		3.3 Non Destructive tests of Congrete: Ultrasonic Pulse Velocity interest
		1 II	_	3.3 Non Destructive tests on Concrete: Demonstration on Rebound hammer 3.3 Non Destructive tests on Concrete: Ultrasonic Pulse Velocity measuring Instrument. 3.3 Non Destructive tests on Concrete: Demonstration on Rebound hammer 3.3 Non Destructive tests on Concrete: Ultrasonic Pulse Velocity measuring Instrument.
	1	+ "		3.3 Non Destructive tests on Concrete. Demonstrate Pulse Velocity measuring instruments.
Dec. 3 Wee		- i	_	3 13 3 Non Destructive today
	,,,,	11	_	RECORD CHECK
	2 2	1	_	VIVA-VOCE

HOD Civil engineering