

Discipline :- Semester Name of teaching faculty
 Civil Engg 6th Semester Forum: 10-03-22 - 10-03-22
 Subject :- Concrete Tech. No of day per week :- 06 No of weeks :- 14

Week Classes day Theory / Practical Topics

	1st	
07/03/22	2nd	
to	3rd	
10/03/22	4th	Grade of Concrete
	5th	Advantages and disadvantages of concrete
	6th	Uses of Concrete
	1st	Cement, Composition, hydration
14/03/22	2nd	W/C ratio, types of Cement
to	3rd	Compressive strength
19/03/22	4th	Setting time, soundness of Cement
	5th	Fines check and grade of Cement
	6th	← H.O.S →
	1st	Types of Aggregate
21/03/22	2nd	Classification of aggregate
to	3rd	Characteristics
26/03/22	4th	Agg. grading as per IS 383
	5th	Quality of water for mixing and curing
	6th	Admixture function and Classification
	1st	IS 9103 and types admixture
28/03/22	2nd	Fresh concrete and Workability
to	3rd	Slump test, Compaction Factor Test.
02/04/22	4th	V-bee Consistency test
	5th	Flow test
	6th	Requirement of Workability

04/04/22	1st	Details on IS 1199			
to	2nd	Compressive strength of low-strength concrete			
09/04/22	3rd	Cube and cylinder comp. strength			
	4th	Flexure strength of concrete	9/05/22	1st	Placing and curing of concrete as per IS 456
	5th	stress-strain Diagram	to	2nd	Specialty requirement of conc.
	6th	Elastic Phenomenon	14/05/22	3rd	Disability requirement of conc.
	1st	Creep shrinkage, Durability		4th	Special concrete, Ready mix concrete
11/04/22	2nd	Durability		5th	High Performance Concrete
to	3rd	Alkalot chloride and acid attack		6th	High Performance Concrete
16/04/22	4th	MAHAVISDA SANKRANVI	16/05/22	1st	High Performance Concrete
	5th	Efflorescence	to	2nd	← BUDHA PURNIMA →
	6th	Mix design and site spec.	21/05/22	3rd	what - Create concrete or gunning
18/04/22	1st	Data required for mix design		4th	Necessity of special concrete and other.
to	2nd	Nominal mix concrete		5th	Determination of concrete structure
23/04/22	3rd	Design mix concrete		6th	Types of deterioration
	4th	Basic Consideration for conc. mix	23/05/22	1st	Prevention of conc. deterioration
	5th	Method of Proportioning Conc. mix	to	2nd	Prevention of staining
	6th	Code Method for Mix design.		3rd	Effect and Prevention of Corrosion
	1st	Matching of Material, Measuring	28/05/22	4th	Effect and Prevention of groundwater
25/04/22	2nd	Measuring of conc. material		5th	Failure of concrete and symptoms
to	3rd	Transportation of material		6th	defect occurring during construction
30/04/22	4th	Placing of concrete.	04/05/22	1st	← SHRIRAM AMBASHY →
	5th	Compaction of concrete		2nd	Prevention and Defect Remedy
	6th	Curing of concrete		3rd	Cracking of concrete and its effect
	1st	Form work requirement and its types		4th	Reason behind cracking and its effect
21/05/22	2nd	Idul - Gollho		5th	Repair of cracking for different reasons
	3rd	striking of forms		6th	Repair of cracking for different reasons
	4th	Quality Control of concrete IS 456			
	5th	Factor causing Variation of conc.			
	6th	Measuring transportation concrete			

