

(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING
PEDAGOGICAL INITIATIVES

2022-23 EVEN SEMESTER

S.No	Name of the Faculty	Topic	Methodology Used	Target Audience	Date
1	Dr.R.Gopala krishnan	Various types of strain Gauges	Chart Model	M.E. First Year	24.4.23
		NDT Methods	Videos	M.E.First year	10.05.23
		Load cell	Demonstration of Equipment in the lab.	M.E.First year	20.04.23
		Corrosion Mechanism	Mind mapping	M.E.First year	22.05.23
2	Mrs.G.Prabha	Case study on one prefabricated structure	Flip the class	M.E I YR	24.04.2023
		Large Panel Prefabrication	Code Cracking	M.E I YR	15.05.2023
		Shear wall	Model based teaching	M.E I YR	12.06.2023
		Precast Design Solution for Building	Quiz	M.E I YR	19.06.2023
3	Mr.J.Ajith	Determinate vs Indeterminate structures	Animation video	II Year Civil	23.01.23
		Indeterminate structures	Quiz	II Year Civil	15.02.2023
		Analysis of continuous beam	software	II Year Civil	0.3.03.2023
		analysis of rigid frame	software	II Year Civil	25.03.2023
		analysis of truss member	software	II Year Civil	08.04.2023
4	Dr.M.Siva	Dewatering techniques	Industrial Visit	III Year Civil	10.03.2023
		Soil Nailing concept	Model based teaching	III Year Civil	11.04.2023
		Vibration techniques used in compaction of soil	SQC	III Year Civil	16.02.2023
		Merits and Demerits of Ground improvement technique	Flipped classroom	III Year Civil	18.04.2023
		Soil strengthening thorough grouting	Model based teaching	III Year Civil	25.04.2023
5	Mrs.M.Amala	Elements of Remote Sensing	Technical Quiz	III Year Civil	07.02.2023
		Types of Aerial and space Platforms	Mind Mapping	III Year Civil	16.02.2023
		Remote sensing Satellites	Role Play	III Year Civil	08.03.2023
		GIS Open sources Software	Modern Tool Usage	III Year Civil	06.04.2023
		Coastal Zone Management for Environmental Engineering	Mini Project	III Year Civil	02.05.2023

6	Mr.R.Dinesh kumar	Inspection and repair strategies	Role play	III Year Civil	03.01.2023
		Cracks and its remedies	Field visit	III Year Civil	06.01.2023
		Usage of Tannery sludge in concrete	Lab Demonstration	III Year Civil	13.01.2023
		NDT Testing Techniques	Lab Demonstration	III Year Civil	18.01.2023
		Different types of demolition	Demonstration through video	III Year Civil	21.01.2023
7	Dr.M.Naveen kumar	water quality parameters	Model based	III Year	31.01.2023
		Water filtration method	Model based	III Year	27.02.2023
		Conventional water treatment	Visit to WTP	III Year	22.03.2023
		wastewater treatment	Visit to WTP	III Year	05.04.2023
		Water softening method	Visit to water softening plant	III Year	29.04.2023
8	Dr.G.Velraj kumar	Experimental learning of open channel- Model	Model	II Year Civil	02.02.2023
		Experimental learning of Gradually varied flow	Demonstration through video	IIYear Civil	14.02.2023
		Experimental learning of hydraulic jump	Demonstration through video	IIYear Civil	06.03.2023
		Experimental learning of turbines	Demonstration through video	IIYear Civil	22.03.23
		Experimental learning of pumps	Demonstration	IIYear Civil	12.04.2023
9	Mr.A.Mohan	Different types of foundation	Mind Mapping	II Year Civil	27.01.23
		Differential Bearing Capacity	Chart Model	IIYear Civil	10.02.23
		Floating Foundation	Chart Model	IIYear Civil	22.03.23
		Pile foundation Case study and Report discussion	Case study Discussion	IIYear Civil	04.04.23
		Staad Foundation explanation	Software Simulation	IIYear Civil	27.04.23
10	Mrs.L.Chandra kanthamma	Trickling Filter	Demo	III Year Civil	08.02.2023
		sewer appurtenances	Mind Mapping	III Year Civil	18.02.2023
		sewage treatment process	Chart	III Year Civil	09.03.2023
		biological treatment	Quiz	III Year Civil	06.04.2023
		Sewage Treatment Plant to show Modern tool Usage	Industrial Visit	III Year Civil	02.05.2023
11	Mr.Lenindhal	Model of an organization	model based	III Year Civil	09.02.2023
		cost trade off real time project	chart	III Year Civil	24.02.2023
		ABC analysis	flowchart	III Year Civil	21.03.2023
		Organizational psychology	Quiz	III Year Civil	21.03.2023
		Application of primavera software in a project		III Year Civil	17.04.2023