



Department of Civil Engineering
Teaching Learning
2023-2024

S. No	Faculty Name	Course	Topic	Innovative methods adopted	Goals	Preparation	The significance of Result	Availability of review and critique	Reproducibility and Reusability
1	Dr. Saduwale Shrihari	Solid Mechanics-1 (II-I)	Concept of Shear force and Bending Moment in Beams	ICT Based learning	To involve students in self-understanding	Students will come with the basic preparation on a topic	The level of understanding of technical concepts of the students is depicted	Report on concept demonstrate will be availed for the references	Students of upcoming batches can refer the report or Field visit can be rearranged
2	Mrs. K. Roja	Fluid Mechanics-1 (II-I)	Bernoulli's Theorem	Demonstration Based Learning	To get the clear idea about the concept	Reference videos and object source are interrelated	The level of understanding of technical concepts of the students is depicted	Report on concept demonstrate will be availed for the references	It can be modified by other methodologies
3	Mrs. V. Swathi	DRCS (III-I)	Design of Slab	Field visit	Able to understand the placement of bars and its design analysis	Basics of structural elements and its analytical aspects	Understand the reinforcement installation in concrete elements	Report on concept demonstrate will be availed for the references	Continuous learning and illustration in practical site
4	Dr. E. Sai Baba Reddy	Geotechnical Engineering (III-I)	Index Properties of Soil	Demonstration Based Learning	To demonstrate the concept with some results	Accessories need to make ready for that concept	Enhances the analysis capacity	Report on concept demonstrate will be available for the references	The accessories can be reused for upcoming years with additional consumables
5	Mrs. D. Pooja	Hydraulic and Hydraulic Machinery (III-I)	Performance of Pelton Turbine	Demonstration Based Learning	To demonstrate the concept with some results	Need to work on suitable methods	Understand students the working principle	Report on concept demonstrate will be availed for the references	Basic knowledge will reflect while doing the project

6	Mr. E. Giri Prasad Goud	RAHE (IV-I)	Components of Railways	Field Visit	To involve students in self-understanding	Students will come with the basic preparation on a topic	The level of understanding of technical concepts of the students is depicted	Report on concept demonstrate will be availed for the references	Students of upcoming batches can refer the report or Field visit can be rearranged
7	Mr. Vithal	Concrete Technology (II-II)	Ready Mix Concrete & Mix Design	Field visit to RMC plant	Improve students in understand technical way	Preparation for the designing of treatment units	Understanding the real time design	Report on concept demonstrate will be availed for the references	Students of upcoming batches can refer the report or Field visit can be rearranged
8	Mrs. T. Sarada	Foundation Engineering (III-II)	Detailing of foundation Beds	Field Visit	Practical knowledge on foundations constructed in Vjit block	Calculations of Bearing Capacity of rectangular and square footings	Identification by the students on how the calculation of B.C & Types of Foundations	Report on concept demonstrate will be availed for the references	Students of upcoming batches can refer the report or Field visit can be rearranged
9	Dr. P. Rajasekar Reddy	Water Resources Engineering (III-II)	Types of Irrigation	ICT Based Learning	To make students understand through Presentation	Students will come with the basic preparation on a topic	Understand students the working principle	Report on concept will be available for the references	Continuous learning and illustration in practical site

Note: Detailed Report has been filed with Po's Mapping in the Report


Faculty Incharge


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