



Department of Civil Engineering
Teaching Learning
2022-2023

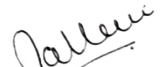
S.No	Faculty Name	Course	Topic	Innovative methods adopted	Goals	Preparation	The significance of Result	Availability of review and critique	Reproducibility and Reusability
1	Dr. N Sudharsan	SM-1 (II-1)	Deflection of simply supports beams	Demonstration based learning	Deflection at various points	Simply supported beams with formulae	Maximum deflection at the centre	Report on concept demonstrate will be availed for the references	It will be useful for different support for different deflection
2	Mr. Anand	Engineering Geology (II-1)	Microscopic analysis of petrological studies	By adopting Electronic microscopic method	To check the optimum precious minerals, present in rocks	Graphical with board with the help of ultra-electronic microscope	High tendency of minerals will be present in igneous kind of rocks	Report on destabilize critique minerals	Infrastructure methods will be adopted to make sustainability
3	Ms. Abhigna	Surveying and geomatics (II-1)	Determining horizontal angles by theodolite	Demonstration Based Learning	To demonstrate horizontal angles by method of repetition	The level of understanding of technical concepts of the students is depicted	By this experiment students can be able to find the horizontal angles by method of repetition	Report on concept demonstrate will be availed for the references	It will be useful for the upcoming students during their field works through understanding

4	Mrs. Deepika	GTE (III-1)	Engineering Property of soil	Demonstration Based Learning	To demonstrate concept of shear strength of soil for the cohesionless soil	level of understanding in practical way to students	Able to understand the practical way how the shear is taking place through shear box	Report on concept demonstrate will be availed for the references	It will be useful for the upcoming students in investigating the shear strength of soil
5	Vajenepally Nikhila Bhavani	APCM (III-1)	Episodes of Air Pollution	Visualization based learning	To demonstrate the concept of bhopal gas tragedy due to release of methyl isocyanate gas	The level of understanding of technical concepts of the students is depicted	By this video the students are able to learn the concept of episodes of air pollution and how the gas affected the people, animal of Bhopal with in 1 hour period of time.	Report on concept demonstrate will be availed for the references	It will be useful for the upcoming students in preparing case studies on episodes of air pollution.
6	G Ratnakar goud	E&C (IV-1)	Arrangement of Reinforcement in Beams, Slabs, Columns	Evaluation of Reinforcement in Beams, Slabs, Columns	Understanding the way how to calculate the reinforcement	Knowledge on assessment system	Able to understand the practical way of reinforcement	Report on concept demonstrate will be availed for the references	Able to understand clearly how evaluation of reinforcement parameters
7	V Navodaya	GBT (IV-1)	Green Building Assessment	Evaluation of green building using checklist for college building	To understand the green building assessment system	Knowledge on assessment system	By approach understand evaluate process of green building using codes	Evaluated sheets	Able to understand clearly how evaluation of green building
8	Thirumala Sujatha	BMC (II-II)	Test on Cement	Demonstration based learning	To understand the material Properties, Workability	Students will come with practical Knowledge	The level of understanding of technical concepts of the	Report on concept demonstrate will be	Basic experimental Knowledge reflect while

					and Strength Development of the concrete		students is depicted	availed for the references	doing the Project Work on concrete
9	E Giri Prasad Goud	EE (III-II)	Layout and general outline of water treatment units	Field visit	Need to know the outline treatment units	water treatment units	Students will be able to understand the design procedure	Report on concept demonstrate will be availed for the references	It will be useful when students visit the field and know how the process is involved
10	Vajenepally Nikhila Bhavani	EPCM (III-II)	Global warming	Visualization based learning	To demonstrate the impacts of air pollutants on globe which is leading to global warming	The level of understanding of technical concepts of the students is depicted	By this video the students are exposed to the knowledge on the current global problems and shall move towards in reducing the production of such gases by living sustainable and low carbon lifestyle.	Report on concept demonstrate will be availed for the references	It will be useful for the upcoming students in preparation of models through understanding

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


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