



Department of Civil Engineering

Innovation activities by the faculty members in teaching-learning (A.Y 2022-23)

Sr. No.	Name of the faculty member	Subject	Innovative/Creative activity used	Short Description of the activity
A.Y.2022-23				
1	Dr. Ajay Radke	Mechanics of Solids	Lecture YouTube Videos	Video links were shared with students for better understanding
2	Dr. Ashutosh Dabli	Structural Analysis	Flipped Classroom	To develop a better understanding of analysis and design of bridge.
3	Dr. Ashutosh Dabli	Advanced Concrete Technology	Lecture YouTube Videos	Video links were shared with students for better understanding on the concept of Concrete
4	Dr. Viren B. Chandanshive	Quantity Survey, Estimation and Valuation	Crossword Puzzle	Crossword puzzle to recall the concepts of Quantity Survey, Estimation and Valuation
5	Dr. Viren B. Chandanshive	Transportation Engineering	Crossword Puzzle	Crossword puzzle to recall the concepts of modes of various transportation
6	Dr. Viren B. Chandanshive	Construction Management	Crossword Puzzle	Crossword puzzle to recall the concepts of Project Management, Scheduling Techniques, CPM & PERT, etc.
7	Mr. Jaydeep Chougale	Bridge Engineering	Expert Lecture	Organized to understand design concept of Prestress slab
8	Mr. Jaydeep Chougale	BMCT	Site Visit	To understand the actual manufacturing process of Crushed sand and ready-mix concrete at plant
9	Mr. Vikrant P. Kothari	Surveying	Crossword	Crossword puzzle to recall the concepts of Principles of Surveying
10	Mr. Vikrant P. Kothari	Construction Equipment's & Techniques	Think Pair Share	Activity to pair up and find information on Construction methods of Power plants and share with the class.
11	Mr. Vikrant P. Kothari	Building Services & Repairs	Exit Survey Slip	Activity to take feedback of students understanding on NDE Methods



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12	Ms. Puja Kadam	BE/VII/Disaster Management and Mitigation Measures	Lecture YouTube Videos	YouTube video is an online tool which can be accessed anywhere anytime and it not only helps them learn the concepts but also helps them improve listening and punctuation skills.
13	Ms. Puja Kadam	BE/VII/Disaster Management and Mitigation Measures	Plotting on Map	Geographical plotting is a method of displaying data on a global scale as well as for states of a country, often in a colourful manner.
14	Ms. Puja Kadam	BE/V/Solid and Hazardous waste management	Crossword	Crossword puzzles provide expansion of vocabulary, stimulate thinking capacity, boost confidence, and fasten up the learning capacity
15	Ms. Puja Kadam	BE/V/Solid and Hazardous waste management	Writing a Case Study	Case studies provide students with scenarios in which they can begin to think about their understanding and solutions to problems found in real-world situations
16	Ms. Puja Kadam	BE/VIII/ Environmental Management	Lecture YouTube Videos	YouTube video is an online tool which can be accessed anywhere anytime and it not only helps them learn the concepts but also helps them improve listening and punctuation skills.
17	Ms. Puja Kadam	TE/VI/Environmental Engineering	Crossword	Crossword puzzles provide expansion of vocabulary, stimulate thinking capacity, boost confidence, and fasten up the learning capacity
18	Ms. Puja Kadam	TE/VI/Environmental Engineering	Studying a Case Study/ Research paper	Case studies provide students with scenarios in which they can begin to think about their understanding and solutions to problems found in real-world situations
19	Mr. Arbaz M. Kazi	Geotechnical Engineering – II	Flipped Classroom	Activity to explain concepts of plate load test.

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DEPT. OF CIVIL ENGG.
Vidyavardhini's College of
Engineering & Technology,
Vasai Road (W) - 401 202



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20	Mr. Arbaz M. Kazi	Geotechnical Engineering - I	Mind Map	Visual organization of information to show inter-relationships among different properties of soil.
21	Mr. Arbaz M. Kazi	Architectural Planning & Design of Buildings	Crossword Puzzle	Crossword puzzle to recall the concepts of Principles of Planning & Design.
22	Mr. Prakash Panda	Engineering Geology	Virtual Lab	Virtual labs are interactive, digital simulations of activities that typically take place in physical laboratory settings.
23	Mr. Prakash Panda	Fluid Mechanics-I	Virtual Lab	Virtual labs are interactive, digital simulations of activities that typically take place in physical laboratory settings.
24	Mr. Prakash Panda	Fluid Mechanics-II	Virtual Lab	Virtual labs are interactive, digital simulations of activities that typically take place in physical laboratory settings.
25	Mr. Prakash Panda	DDSS	Personal Google Meet Recordings	Meet Recording is an online tool which can be accessed anywhere anytime and it not only helps them revise the concepts.
26	Mr. Nikhil Gavad	Prestressed Concrete	Flipped Classroom	To develop amongst students a capacity for independent learning and a thorough understanding of a particular subject.
27	Ms. Aishwarya Anil	Applied Hydraulics	Crossword Puzzle	Crossword puzzle to recall the concepts of open channel flow, impact of jets etc
28	Ms. Aishwarya Anil	Water Resource Engineering	Flipped Classroom	To develop self-learning ability among the students and comprehensive knowledge on a given topic

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