

# Vidyavardhini's College of Engineering & Technology, Vasai

## Department of Mechanical Engineering

### INNOVATIVE PRACTICES IN TEACHING LEARNING

Sr No	Name of faculty	Activity	Method	Platform used
1	Dr.Uday Aswalekar	Collaborative Learning and Flipped Classroom	Problem assigned and interacted among student groups for effective solution for Dynamics of Machinery	Google meet
2	Dr. Ashish J. Chaudhari	Design thinking and participative learning	Design of system theoretically and compared with actual product	Industrial visit and analyse actual set up
3	Dr. Ashish J. Chaudhari	Game Pedagogy	Crossword puzzle in Design of Mechanical Systems	Google Classroom
4	Mr.Dipak Chaudhari	Game Pedagogy	Crossword puzzle in Strength of Materials	Google Classroom
5	Mr.Vinay Patel	Game Pedagogy	Crossword puzzle in Heat Transfer	Google Classroom
6	Mr.Vinay Patel	Project Based Learning	Mini project for Mechanical Measurement and Control	Actual working model
7	Mr.Swapnil R. Mane	Enquiry Based Learning	Hydroelectric Power Plant Scope and Consequences in Energy Management and Utility	Google meet
8	Mr.Sanjay Lohar	Flipped Class room	Engineering Mechanics and Production Process	Google Meet
9	Mr.Sanjay Lohar	Game Pedagogy	Crossword puzzle in Production Process	Google Classroom
10	Mr. Vishwas Palve	Participative Learning	Word Count and Priority Pooling in Thermal Engineering	www.mentimeter.com
11	Mr.Tushar Raut	Participative Learning	Case Study on Cost Estimation of Trolley Basket of Modular Kitchen	Industry Visit
12	Mr.Tushar Raut	Participative Learning	Case Study on Cost Estimation of Outer Race of Bearing	Industry Visit
13	Mr.Tushar Raut	Project Based Learning	Optimization of mechanical components using CAE concept	Google meet
14	Mr. Mukund Kavekar	Game Pedagogy	Crossword Puzzle for Metrology and Quality Engineering	Google Class Room

15	Mr. Mukund Kavekar	Participative Learning	Case study in production planning and control(PPC)	Visit to industry and apply knowledge of PPC
16	Ms. Priti Vairagi	Game Pedagogy	Crossword Puzzle for Machine Design 1	Google Class Room
17	Mr. Kamleah Bachkar	Participative Learning	Mini project in fluid Mechanics	Development of model using concept of fluid mechanics
18	Mr. Kamleah Bachkar	Virtual Lab	Fluid Mechanics experiment performance	COEP Virtual Lab
19	Mr. Rushabh Melwanki	Game Pedagogy	Crossword Puzzle for Refrigeration and Air conditioning	Google Class Room
20	Ms. Apurva Pendbhaje	Flipped Class Room	Pre-recorded video for subject Engineering Mechanics/Engineering Graphics	Online mode solve numericals while in class
21	Ms. Apurva Pendbhaje	Think Pair share	Brainstorming session for practical applications	Google meet
22	Ms. Apurva Pendbhaje	Peer Learning	Exchange of ideas, Multiple ways of solving the problem	Google meet
23	Mr.Parag Sarode	Game Pedagogy	Snake and Ladder Puzzle for Project Management	Google Class Room
24	Mr. Ganesh Wahile	Game Pedagogy	Jisaw Puzzle for Iron Carbon Diagram	Google meet
25	Dr. Umesh Mane	Experiential Learning and Game Pedagogy	Understanding of handling biomedical data in CAD CAM	3D Open Slicer software

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**BEAD**

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