



**Academic Year 2022-23 (Odd Sem)**

**Innovation activities by the faculty members in teaching-learning**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Course Name / Sem / Course Code</b>	<b>Innovative / Creative activity used</b>	<b>Short Description of the activity</b>
1	Dr. Megha Trivedi	<b>SE Sem III- CSC302-Discrete Structure and Graph Theory</b>	Flipped Classroom	Flipped Classroom on Pigeonhole Principle– real life examples on pigeonhole principle were solved using the flipped classroom approach
1	Dr. Megha Trivedi	<b>SE Sem III- CSC302-Discrete Structure and Graph Theory</b>	Open Book Test in Library	Open book test was conducted in the library environment, using a text/reference book in a group of two
2	Dr. Tatwadars hi P.N.	BE Sem VII - CSC701 - Machine Learning	Flipped Classroom	Flipped Classroom on Singular Value Decomposition problems/sums were taken in a flipped classroom manner.
3	Dr. Dinesh Patil	BE Sem VII CSDC 7022- Blockchain	Sudden Assessment	In this activity sudden test of the student is taken to improve their focus and learning capability
4	Dr. Swapna Borde	TE Sem V- CSC501 - Theoretical Computer Science	Think Pair Share	During the lecture session, a group activity Think-pair-share activity was conducted for analyzing the students' understanding about the Deterministic finite automata and Non-deterministic finite automata
5	Mr. Vikrant Agaskar	TE Sem III- CSL304 OOP with JAVA	Kahoot Quiz	After a couple of lectures, one small quiz is taken on the kahoot app. students used their own mobiles, laptops to attempt the

				quiz and teacher can get all information at that particular time about how many students solved quiz correctly
6	Mr. Anil Hingmire	TE Sem V- CSC502 Software Engineering	Think-Pair-Share activity	During the lecture session, a group activity Think-pair-share activity was conducted to prepare components Software Requirements Specifications (SRS) documents for the given case study by performing brainstorming within the group.
	Mr. Anil Hingmire	BE Sem VII- CSDC7013 Natural Language Processing	Video Clips	After taking the lecture one small video clip was shown to students on real life NLP applications to identify the objectives, implementation problems or challenges and performance.
7	Mrs. Smita Jawale	SE Sem III - CSC303 -Data Structures	Kahoot Quiz	After taking lecture one small quiz is taken on kahoot app. students used their own mobiles, laptops to solve quiz. And teacher can get all information at that particular time about how many students solved quiz correctly
7	Mrs. Smita Jawale	TE Sem V - <b>CSDLO5013</b> - Machine Learning	Kahoot Quiz	After taking lecture one small quiz is taken on kahoot app. students used their own mobiles, laptops to solve quiz. And teacher can get all information at that particular time about how many students solved quiz correctly
8	Mr. Sunil Katkar	SE Sem III - CSC305 -CG	Animated Video	During the class I displayed an animated video on the topic 'Types of Animation Techniques' through a YouTube link.

9	Mr. Sunil Katkar	SE Sem III - CSC304 -DLCOA	Online K-map calculator	I was given a boolean function to minimize using k-map and told students to design the simplified function using logic gates theoretically. After this, I told them to check the solution using an online k-map solver.
10	Mrs. Swati Varma	TE Sem V - CSC504 Data warehousing and mining	Mind maps	The topic was explained to the students first through the slides. Then they were asked to sketch mind maps and upload it on Google classroom
11	Mr.Sanket Patil	BE Sem VII- ILOC7011- Management Information System	Collaborative Learning	During Lecture Created the group of 2-3 students in the class Assigned different topics of Business system to each groupCourse instructor allotted 45 minutes time to the individual group to read the topic from reference book or any other material
12	Mrs. Sneha Mhatre	BE Sem VII - CSC702 - Big Data Analytics	Collaborative Learning	During Lecture Created the group of 2-3 students in the class Assigned different types of recommendation system to each groupCourse instructor allotted 45 minutes time to the individual group to read the topic from reference book or any other material
		BE Sem VII - CSDC7011- Machine Vision	Case Study	During Lecture Created the group of 2-3 students in the class Assigned different types of Camera in Machine Vision and asked them to search information on the same.

13	Mrs. Smita Patil	TE Sem V - CSC503 Computer Network	Explanation of topic using bollywood characters	Formed the explanation of OSI layer in terms of bollywood story. Each layer name was shown with a famous bollywood actor.
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