



Vidyavardhini's College of Engineering & Technology

First Year Engineering

Academic Year 2023-24

Innovations by Teaching Faculties by Teaching and Learning

Sr. no	Name of the faculty	Course Name/ Course Code	Division	Innovative /Creative Activity used	Short Description of the activity	Link of Report
1	Ms. Praiza Gonsalves	Engineering Mathematics-I/FEC101	B,C	Flipped Classroom	Video regarding concept was given and problems were solved in classroom	https://drive.google.com/file/d/18oyZjz83cU0gKxyX31snzil3WjDs1TjU/view?usp=sharing
		Engineering Mathematics-II/FEC201	C	Jigsaw Method	Students were asked to solve problems in groups and then the groups were shuffled	https://drive.google.com/file/d/1cIplLme_9bkzYWKFi6zJ1fzCNdMN7X9y/view?usp=sharing
		Engineering Mathematics-II/FEC201	C	Think-Pair-Share	Video regarding application of DE was given to students, they were asked to discuss with their neighbouring students and then write a summary	https://drive.google.com/file/d/1dK_iiIXzqfuGQnGsgZYcCjlgdrfPy1mP/view?usp=sharing
2	Mr. Ganesh Tilave	Engineering Mathematics-II/FEC201	D	Flipped Classroom	The flipped classroom model works by reversing the conventional approach to teaching, with students being introduces to new material prior to a lesson, allowing classroom time to be used for flipped classroom activities that help to enhance understanding.	https://drive.google.com/file/d/1RtaKDKqMkBI0TI-q06tai5RvM86SXDO-/view?usp=drive_link
3	Mr. Mayur Gohil	Engineering Mathematics II /FEC201	I (EXTC)	Hybrid Learning	Students watch the theoretical concepts via video and implement it for problem solving by maximizing their time	https://drive.google.com/file/d/1A5ngGWO-ODQ9lfMSHtvSrtzHGcs9cKBU/vjew?usp=drive_link



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4	Dr. Suraj Vishwakarma	Engineering Physics-II/FEC202	B (COMPS 2)	Flipped Class Room	Flipped classroom is an innovative teaching learning method where strategy of teaching is reversed	https://drive.google.com/drive/u/1/folders/1BIFNibZwYCVNECqzSD_sIX7sTa9ujfdX
		Engineering Physics-II/FEC202	A (COMPS 1)	Think Pair and Share	Begin with a specific question, and give students time to individually think about an answer	https://drive.google.com/drive/u/1/folders/1BIFNibZwYCVNECqzSD_sIX7sTa9ujfdX
		Engineering Physics-II/FEC202	C (COMPS 3)	Open Book Test	To test higher-order thinking skills, application, analysis, critical thinking, creative thinking and problem-solving of the students	https://drive.google.com/drive/u/1/folders/1BIFNibZwYCVNECqzSD_sIX7sTa9ujfdX
5	Mr. Ambuj Tiwari	Engineering Physics-II/FEC202	E(CSE& DS2)	Flipped classroom	To make the classroom an active learning environment.	https://drive.google.com/file/d/1MEacr0gUbcIlhkcLW3P2yfs9paqjzflH/view?usp=drive_link
		Engineering Physics-II/FEC202	F(CSE& DS3)	Flipped classroom	To make the classroom an active learning environment.	https://drive.google.com/file/d/1H2whqX7cmaYIyy5IsbOE/view?usp=drive_link
		Engineering Physics-II/FEC202	G(IT)	Open Book Test	To test higher-order thinking skills, application, analysis, critical and creative thinking and problem-solving of the Students.	https://drive.google.com/file/d/1ZNeYAN6IVTxQCcZLrUziufz3phaliRxK/view?usp=drive_link
		Engineering Physics-II/FEC202	I(EXTC)	Think Pair and Share	It helps students to think individually about a topic or answer to a question	https://drive.google.com/file/d/1NPepHcFTueqZgEEBeXlGA2mxmTOWNCmu/view?usp=drive_link



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6	Ms. Vaishnavi Gurav	Engineering Physics-II/ FEC202	K (CIVIL & VLSI)	Open Book Test	To Promote self – directed learning ,Cultivate communication skills, Evaluate comprehensive understanding	https://drive.google.com/file/d/1oFrOTw0IQL1rWSkehBlweenyGkHFdL/view?usp=drive_link
		Engineering Physics-II/ FEC202	I EXTC	A simulation practical	To know about Avogadro software	https://drive.google.com/file/d/1qjHc4G3z43miQb_XZ1AHy8eVbpcEwke/view?usp=drive_link
7	Ms. Chandrakishori Sonarkar	Engineering Chemistry I/ FEC103	D ,E & F	Flipped Classroom	Flipped classroom is an innovative teaching learning method where strategy of teaching is reversed.	https://drive.google.com/file/d/14stueE3rcmKZA2M-PqzqwCTKFjyXqf-8w/view?usp=drive_link
			D ,E & F	Reflection Spot	A Reflection Spot is a point where the video pauses and the instructor poses a question	https://drive.google.com/file/d/1HG2zE-buRT5mKfqm5o9PbGw9OteAKtYd/view?usp=drive_link
		Engineering Chemistry II/ FEC203	D ,E & F	Game Pedagogy - Crossword Puzzle, Jumbling Word	Game-based learning has emerged as a promising educational approach to engage learners and enhance their knowledge and skill	https://drive.google.com/file/d/1OIV_lncBF8VY1ZWGAp6oXyEEvoSJWkyk/view?usp=drive_link



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8	Ms. Beauty Ansari	Engineering Chemistry I/ FEC103	A,B,C,J	Think Pair Share	Collaborative learning	https://drive.google.com/file/d/1d5W3nRehceq9SAh0xEKBA8Jq1kWRsmb/view?usp=drive_link
		Engineering Chemistry II/ FEC203	A,B,C,J	Game Pedagogy - Crossword Puzzle	Game-based learning has emerged as a promising educational approach to engage learners and enhance their knowledge and skill	https://drive.google.com/file/d/1EtNJJ4rOulGPH6VOEir7mp2XRJcaTziZ/view?usp=drive_link
9	Dr. Rhushirajeshwari Naik	Engineering Chemistry II/ FEC203	G,H,I,K	Flipped classroom	Flipped classroom is an innovative teaching learning where role of teaching is reversed which aims to increase student engagement and learning process in classroom.	https://drive.google.com/file/d/1M56LbMjrJBQ0m0smS8d3uHW_DzD9HUBo/view?usp=drive_link
		Engineering Chemistry II/ FEC203	G,H,I,K	Game Pedagogy - Crossword Puzzle, Jumblng Word	Game-based learning has emerged as a promising educational approach to engage learners and enhance their knowledge and skill	https://drive.google.com/file/d/1GSAHFyj5JQHj0yNF5yuwnB9oVr55MAEc/view?usp=drive_link
		Engineering Chemistry II/ FEC203	G,H,I,K	Reflection spot	A Reflection Spot is a point where the video pauses and the instructor poses a question or gives a brief activity. The learner is expected to respond to the question or activity.	https://drive.google.com/file/d/1S3CFNgpCnx12HIuaAoThBTgEe3wVsgMq/view?usp=drive_link



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10	Mr. Rishabh Melwanki	Engineering Mechanics/FEC 104	G-IT	Game Pedagogy- Snake and ladder	Students were given 24 questions when they answer a particular questions dice is rolled and the pawn move in the board. Its basically quiz in the form of snake and ladder.	https://drive.google.com/file/d/1BqXhTu1HCgVBGXk4uLw9kydyTKL8ZBPm/view?usp=drive_link
11	Ms. Tanya D'souza	Professional Communication & Ethics-I/ FEC206	Comp (B and C)	Brainstorming (Mind Mapping)	Mind Mapping is a learning technique which uses a non-linear approach to help the learner explore concepts using visual-spatial relationships flowing from a central theme to peripheral branches. (Mind Mapping)	https://drive.google.com/file/d/1TU_WtT6mDob6g_BQBwO_Y7LhqwmT_dgv/view?usp=sharing
12	Ms.Gloria Collaco	Professional Communication & Ethics-I/ FEC206	CSE (DS) E and F, Civil (K)	Jigsaw Technique	The jigsaw technique involves dividing students into small, heterogeneous groups and assigning each group a unique segment of content or topic.	https://drive.google.com/file/d/12bvXj-CjTswLI8fskUXp6htOEW4cOmF/view?usp=drive_link



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13	Ms. Shobhana S Shirsat	Professional Communication & Ethics-I/ FEC206	I	Flipped Classroom	Flipped classroom is an innovative teaching learning method where strategy of teaching is reversed	https://drive.google.com/file/d/17qiLQETjmWwNzVjEX7wEzRCKRskHOMYx/view?usp=drive_link
			I	Crossword Puzzles on Communication skills	A crossword (or crossword puzzle) is a word game consisting of a grid of black and white squares, into which solvers enter words or phrases according to a set of clues. Each entry is typically numbered to correspond to its clues.	https://drive.google.com/file/d/11AicQkWGPTdkPDwBD7Odx8juA8gYPdIH/view?usp=drive_link
			G	Flipped Classroom	Flipped classroom is an innovative teaching learning method where strategy of teaching is reversed	https://drive.google.com/file/d/1srL3ZggA19NTV46GzLmckWdWcjGt_HSF/view?usp=drive_link
			G	Crossword Puzzles on Communication skills	A crossword (or crossword puzzle) is a word game consisting of a grid of black and white squares, into which solvers enter words or phrases according to a set of clues. Each entry is typically numbered to correspond to its clues.	https://drive.google.com/file/d/18IVcKGse9wWMIJr24fQyrvmrFBMa2v4/view?usp=drive_link
14	Ms.Kamini More	Professional Communication & Ethics-I/ FEC206	A,C	Mind Mapping	Mind Mapping is a learning technique which uses a non-linear approach to help the learner explore concepts using visual-spatial relationships flowing from a central theme to peripheral branches.	https://drive.google.com/file/d/16oIREoWriITw8f0dcMPafjmdQ4LLf2T/view?usp=drive_link



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15	Ms. Heena Singh	C Programming- II/FEC205	A,D,H	Crossword puzzle	Crossword Puzzle: to remember the different terms , keywords etc.	https://drive.google.com/file/d/11Am5oWABiFdr73D7rnMgGXqN_XalBkHn/view?usp=drive_link
			A,D,H	Learning while playing	Learning while playing: to understand the concept and critical thinking	https://drive.google.com/file/d/1foNcxeQ9jvHdy2WcM5YmLLKE481D1xpv/view?usp=drive_link
			A,D,H	Live performance	Play: Conducted students, to understand the syntax of program	https://drive.google.com/file/d/1N1rcVZ7uoA19ZCvK42JK4wpnqWWLWixK/view?usp=drive_link
			A,D,H	Quiz	To understand the error finding capability	https://drive.google.com/file/d/1dR507vMuInXHgBXoR43pmYNrPJEEyx5U/view?usp=drive_link
			A,D,H	Open book test	Open Book Test: To interpretate the reference books,	https://drive.google.com/file/d/1fV59MknTxToc8GvqnU3dJMy7GipFf3fi/view?usp=drive_link

Dr. Sunayana Jadhav
(FE Co-ordinator)