



Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

Academic Year 2022-23 (Even Sem)

Innovation activities by the faculty members in teaching-learning

Sr. No	Name of Faculty	Course Name / Sem / Course Code	Innovative / Creative activity used	Short Description of the activity
1	Neha Mahesh Raut	Database Management System/ IV/CSC403	Flipped classroom	In this activity, a YouTube video on How Data can be stored and maintained in the Database was shared to the students. Instead of teaching the steps in the classroom, the students were asked to view the video at home and solve assignments in the classroom.
2.	Neha Mahesh Raut	High Performance Computing/ VI/ CSDLO6011	Collaborative Learning-Case Study	During Lecture, the students were divided into two groups and they were given time to study the theory chapters in a group
3.	Sejal D'mello	Operating System/IV/CSC404	Collaborative Learning-Case Study	During Lecture, the students were divided into two groups and they were given time to study topics on Paging and Segmentation in a group and then had discussion on it.
4	Sejal D'mello	Software Engineering with Project Management/ VI / CSC603	Collaborative Learning-Case Study	Case studies were conducted on process models and students should analyze the scenarios, select an appropriate process model for software development and justify
5	Kshitija Gharat	Microprocessor/IV/ CSC405	Collaborative Learning-Case Study	During Lecture, the students were divided into groups of three and they were given time



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				to study the theory chapters in a group.
6	Bhavika Milind Gharat	Skill Based Programming Lab: Python/SE/CSL405	Project-based learning	Project-based learning (PBL) involves students designing, developing, and constructing hands-on solutions to a problem. The educational value of PBL is that it aims to build students' creative capacity to work through difficult or ill-structured problems, commonly in small teams.