Innovation by the Faculty in Teaching and Learning

The Department faculty make use of various innovative pedagogical methods like E-Learning, Problem solving, Collaborative Learning, Case study & presentations, activity-based learning etc., in teaching & learning process in addition to traditional classroom teaching.

Academic Year: 2020-21

Innovations by Faculty in Teaching and Learining			
S.No.	**Course**	**Innovative Methodology**	**Learning Style**
1.	Data mining Course	Case Based Study	Activity based self - learning
2.	Linear Algebra	Computational Thinking	Activity based self - learning
3.	Design and Analysis of Algorithms	Computational Thinking	Activity based self - learning
4.	Theory of Automata	Peer learning in Hetrogenious Group	Collaborative Learning
5.	Data Structures	Mentoring by senior students	Collaborative Learning
6.	Application of Soft Computing	Group Project Based Learning	Collaborative Learning
7.	DBMS and Computer Network	Flipped Classroom	Blended learning
8.	Machine Learning Techniques	Group Project Based Learning	Collaborative learning
9.	Emerging Technology For Engineering	Flipped classroom	Blended learning
10.	Deep learning	Computational Thinking	Activity based self - learning
12.	Web Technology	Project Based Learning	Experiential Learning
13.	Computer Architecture	Practical based Learning, Flipped Classroom	Blended Learning

14.	Discrete Structure and Theory of Logic	Problem based learning	Activity based self - learning
15.	Software	Problem based learning through case study	Activity based self - learning
16.	Blockchain	Flipped Classroom	Blended Learning
17.	AI for Engg.	Flipped classroom	Blended Learning