Electronics & Telecommunication Engg. Department

Active Learning methods & Tools used during Delivery in AY 2022-23

Sr. No.	Faculty Name	Course Name & Code	Class & Semester	Name of Active Learning methods & Tools used during Delivery
1	Dr. M. S. Patil	Digital Communication EC2063	S Y B Tech sem II	Poster presentation, Problem based learning
		Satellite Communication EC4112	B Tech Sem I	Flipped classroom, Problem based learning
2	Dr. M. S. Kumbhar	Computer Network	BTECH -II	PBL activity on – Algorithm Development
		Wireless Sensor Network	TY BTECH -II	PBL activity on Cup carbon simulation Development
3	Mr. R. T. Patil	Digital Signal Processing EC3213	TY ETC Sem. V	PBL MATLAB, Moodle
4	Mr. S.R. Jagtap	Network Theory	SY B. Tech	Problem-Based Learning (PBL), Design, Simulation (using MATLAB) and Presentation
		Power Electronics	TY B. Tech	Problem-Based Learning (PBL), Simulation(using MATLAB) and Presentation
5	Dr. Mrs. J. S. Awati	Psychology for Engineers	TY ETC Sem VII	Case studies
6	Mrs. V. S. Patil	CMOS VLSI Design	T.Y.B.Tech V sem	PBL- LT Spice & Microwind
		System Verilog	Final Year VII Sem	Poster Presentation, Project Based learning- QuestaSim
		RTL design	T.Y.B.Tech VI sem	Project Based learning - Xilinx Vivado
7	Mr. P. P. More	Digital System Design EC2033	SY ETC Sem I	STAD, Project Based Learning (Simulation Based Mini Projects)
		Internet of Things EC4032	Final Year ETC Sem I	STAD, Project Based Learning (Mini Project)
		Machine Learning EC3043	TY BTech Sem II	STAD, Project Based Learning (Mini Project), Group Discussion
8	Mr. U.A. Kamerikar	Analog Communication	SY ETC Sem I	Project Based Learning (Mini Project)
		Microcontroller	SY ETC Sem II	Project Based Learning (Mini Project),Poster presentation Slido
9	Mr. R.J. Patil	Product Design	T.Y.B.Tech V sem	Project Based Learning- PCB Design
10	Ms. S.R. Watharkar	Linear Integrated Circuits EC 212	S.Y.B.Tech IV Sem	Problem Based Learning on Circuit Anlysis & Design, Simulation based learning
		Computer Architecture EC4192	Final Year VII Sem	Simulation Based Learning using SPIM, Kahoot"
11	Ms. K.S. Sawashe	VLSI Testing & Verification EC315	T.Y.B.Tech V sem	Mind Mapping, Kahoot, Snowballing, Crossword
		Signals & Systems	S.Y.B.Tech IV sem	Problem Based Learning using MATLAB
12	Ms. A.A. Pujari	Information Theory and Coding	T.Y.B.Tech V sem	Problem Based Learning using MATLAB and C Programming, Quiz, Think-Pair-Share
		Robotics	T.Y.B.Tech VI sem	Problem Based Learning using MATLAB
13	Mr. V.C. Khade	Power Electronics and drives	T.Y.B.Tech VI sem	Flipped Classroom, Simulation based learning using PSIM
14	Dr. M. S. Kumbhar	Wireless Sensor Network	TY BTECH -II	PBL activity on Cup carbon simulation Development