

S.NO.	Faculty Name	Course	Topic	Innovative methods adopted	Goals	Preparation	Significance of Result	Availability of review and critique	Reproducibility and Reusability
1	Mr.G. Someswara Rao	EDC	Colpitts Oscillator	Socio Constructivist Perspective	Knowledge Construction and Social Interaction	Understanding how knowledge is built through social interaction, active engagement	Students cognitive, social, and emotional development.	Report will be availed for the references	Social and Communication Skills
2	A.Jaya Lakshmi	Signals and systems	Types of Signals	Poster presentation	Encourage constructive feedback and critiques	Assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students, Question Banks
3	Mr. CH. Sandeep	VLSI	Sequential Circuit Design	Think pair share	To Promote Active Learning	Students should read, listen to, or reflect on the question or topic being presented	Foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable Methodology, Structured Framework
4	E.Kavitha	LDICA	PLL	Never miss a Class	To Prevent Knowledge Gaps	Create Long-Term and Short-Term Goals	Consistent attendance in class can have a profound impact on a student's academic performance, personal growth, and long-term success	Report will be availed for the references	Standardized Engagement Activities, Attendance Tracking Tools, rewards and certificates
5	Dr.S.Tulasi Prasad	LDICA	ADC	Socio Constructivist Perspective	Knowledge Construction and Social Interaction	Understanding how knowledge is built through social interaction, active engagement	Students cognitive, social, and emotional development.	Report will be availed for the references	Social and Communication Skills
6	Mr.G. Parameswar	Computer Architecture	RTL	Problem Based Learning	To involve student in Self-Directed Learning	Students should read, listen to, or reflect on the question or topic being presented	Foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
7	A.Jaya Lakshmi	Signals and systems	Types of Signals	MindMap	To involve student in Self-Directed Learning	students Identify the driving question or challenge that the project will address.	ability to demonstrate real-world application	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
8	Mr.Md.Akram Ahmed	Antenna Propagation	Antenna Parameters	Quiz in Google Form	formative (ongoing) and summative assessment	assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students, Question Banks

9	Dr.Krishnaiah	VLSI	VLSI Design process	Think pair share	To Promote Active Learning	students should read, listen to, or reflect on the question or topic being presented	foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable Methodology, Structured Framework
10	E.Kavitha	Analog circuits	Transistor Hybrid model	Never miss a Class	To Prevent Knowledge Gaps	Create Long-Term and Short-Term Goals	Consistent attendance in class can have a profound impact on a student's academic performance, personal growth, and long-term success	Report will be availed for the references	Standardized Engagement Activities, Attendance Tracking Tools, rewards and certificates
11	Mr.Ch.Sandeep	VLSI	Design of ASIC	Socio Constructivist Perspective	Knowledge Construction and Social Interaction	understanding how knowledge is built through social interaction, active engagement	students cognitive, social, and emotional development.	Report will be availed for the references	Social and Communication skills
12	Mr.G. Parameswar	Computer Architecture	Instruction codes	Project Based Learning	To involve student in Self-Directed Learning	students should read, listen to, or reflect on the question or topic being presented	foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
13	Mr.Subhanvali shaik	Network Analysis and Transmission lines	Loading,types of loading	Short Presentation	Develop Presentation Skills	the purpose, organizing content, practicing, and preparing for delivery	communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics
14	J.Sudha Rani	Electromagnetic waves	Reflection coefficient	Problem Based Learning	To involve student in Self-Directed Learning	students should read, listen to, or reflect on the question or topic being presented	foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
15	Mr.Satheesh.A	Linear integrated circuits	RC Phase shift oscillator	Short Presentation	Develop Presentation Skills	the purpose, organizing content, practicing, and preparing for delivery	communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics
16	Ms.S.Santhi Priya	Control Systems	Signal flow graph	Quiz by using Google form and Google Spread Sheet	formative (ongoing) and summative assessment	assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students,Question Banks

17	A.Jaya Lakshmi	Network Analysis and Transmission lines	RLC Circuit	Short Presentation	To involve student in Self-Directed Learning	students Identify the driving question or challenge that the project will address.	ability to demonstrate real-world application	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
18	Mr.Md.Akram Ahmed	Microwave Engineering	Microwave Transmission lines	Quiz in Google Form	formative (ongoing) and summative assessment	assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students, Question Banks
19	E.Kavitha	Analog circuits	Transistor Hybrid model	Never miss a Class	To Prevent Knowledge Gaps	Create Long-Term and Short-Term Goals	Consistent attendance in class can have a profound impact on a student's academic performance, personal growth, and long-term success	Report will be availed for the references	Standardized Engagement Activities, Attendance Tracking Tools, rewards and certificates
20	Mrs. T. Swapna Rani	Computer System Architecture	RAM	Short Presentation	To Develop Presentation Skills	the purpose, organizing content, practicing, and preparing for delivery	communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics
21	Mr.G. Parameswar	Digital Logic Design	Full adder	Project Based Learning	To involve student in Self-Directed Learning	students should read, listen to, or reflect on the question or topic being presented	foster deeper understanding, promote active participation, and enhance critical thinking	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared
22	Mr.Subhanvali shaik	Microwave Engineering	Waveguides	Quiz in Google Form	Develop Presentation Skills	the purpose, organizing content, practicing, and preparing for delivery	communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics
23	E.Kavitha	AC	Transistor Hybrid model	Never miss a Class	To Prevent Knowledge Gaps	Create Long-Term and Short-Term Goals	Consistent attendance in class can have a profound impact on a student's academic performance, personal growth, and long-term success	Report will be availed for the references	Standardized Engagement Activities, Attendance Tracking Tools, rewards and certificates
24	Dr.Krishnaiah	NATL	Loading, types of loading	Short Presentation	Develop Presentation Skills	the purpose, organizing content, practicing, and preparing for delivery	communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics

25	Mrs. C.H.S.N Sireesha Devi	EMW	Faraday's law	Short Presentation	To Develop Presentation Skills	Purpose, organizing content, practicing, and preparing for delivery	Communication, time management, critical thinking, confidence, and professionalism	Report will be availed for the references	Universal Topics, Evaluation Rubrics
26	Dr.S.Tulasi Prasad	CS	Signal flow graph	Quiz by using Google form and Google Spread Sheet	formative (ongoing) and summative assessment	assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students, Question Banks
27	Mr. Subhanvali Shaik	AWP	Antenna Parameters	Quiz in Google Form	formative (ongoing) and summative assessment	assigned readings to reinforce understanding.	To Track Progress of each student	Report will be availed for the references	Reliable Data for Evaluation of students, Question Banks
28	Ms. Rehana Farheen	DEE	Karnaugh Map	Socio Constructivist Perspective	Knowledge Construction and Social Interaction	Understanding how knowledge is built through social interaction, active engagement	Students cognitive, social, and emotional development.	Report will be availed for the references	Social and Communication Skills
29	A.Jaya Lakshmi	SS	Fourier Transform	Problem Based Learning	To involve student in Self-Directed Learning	Students Identify the driving question or challenge that the project will address.	Ability to demonstrate real-world application	Report will be availed for the references	Adaptable, consistency in Learning Outcomes, successful PBL projects can be shared