DEPARMENT PROGRAM EDUCATIONAL OBJECTIVES: (ECE)

PEO 1: Graduates will be able to synthesize mathematics, science, engineering fundamentals; laboratory and work-based experience to formulate and solve problems related to the Electronics and Communication Engineering and shall develop proficiency in computer-based engineering and the use of computational tools.

PEO 2: Graduates will be prepared to communicate and work team-based on the multi-disciplinary projects practicing the ethics of their profession with a great sense of social responsibility.

PEO 3: Graduates will recognize the importance of lifelong learning to shine as experts either as entrepreneurs or as employees and thereby broadening their professional knowledge.

PROGRAMME OUTCOMES

1. Able to apply the knowledge of Mathematics, Physics, Chemistry to solve problems of Electronics & Communications Engineering.
2. Able to Identify, Formulate & Solve problems in the area of Communications Engineering.
3. Able to Design & Conduct Experiments, Analyze & Interpret Data conveniently to Solve Engineering Problems.
4. Demonstrate an ability to Design a Digital, Analog System, Component as per needs & specifications in the area of Communications Engineering.
5. Able to Visualize and Work on Laboratory & Multidisciplinary tasks in the areas of Digital Image & Signal Processing, Microprocessors & Micro Controllers.
6. Demonstrate skills to use Modern Engineering Tools, Software and Equipment to analyze problems in Mobile, Satellite & Optical Communications Areas.
7. Knowledge of Professional & Ethical responsibilities by understanding Multi-Cultural Group Dynamics, Functions & Organizational Behaviour.
8. Able to communicate effectively to meet global corporate requirements.
9. Understand the impact of Contemporary Socio-Technical issues through Environmental Studies, Global Warming Technology Solutions, EM Waves impact, Global Waste Management, Electronic Obsolescence, Recyclables, Reclamation & Reengineering .
10. Develop confidence for Self Education, Self Learning & Ability for life-long learning

COURSE OUTCOMES

Course	UNIQUE CODE	Outcomes
PDC	PDC CO1	Able to understand the complete response of R-C and
	PDC CO2	To understand the applications of diode as integrator, differentiator, clipper, clamper circuits
	PDC CO3	Learn various switching devices such as diode, transistor, SCR
	PDC CO4	Design multivibrators for various applications, synchronization techniques and sweep circuits.
	PDC CO5	Difference between logic gates and sampling gates and Realizing logic gates using diodes and transistors.
STLD	STLD.CO1	To learn basic techniques for the design of digital circuits and fundamental concepts used in the design of digital systems.
	STLD.CO2	To implement simple logical operations using combinational logic circuits. To design combinational logic circuits.
	STLD.CO3	To design sequential logic circuits.
	STLD.CO4	To impart to student the concepts of sequential circuits, enabling them to analyze sequential systems in terms of state machines.
	STLD.CO5	To implement synchronous state machines using flip-flops.
CS	CS .CO1	Learning the concepts of control system and the detailed knowledge about system with some reduction techniques of transfer function representations.
	CS .CO2	The students will be able to understand the Time response analysis of the signals and steady state response and effects of systems with some error constants.
	CS .CO3	Analyze the concepts of stability with root locus techniques and routh's stability.
	CS .CO4	The students are going to get the detailed knowledge of

AELAB CO2	3	3	3	2	2	3	2	1	2	3	1	1
AELAB CO3	3	3	3	2	3	2	2	2	3	1	2	2

PROGRAM EDUCATIONAL OBJECTIVES (CSE)

PEO1: Graduates will be able to comprehend mathematics, science, engineering fundamentals, laboratory and work-based experiences to formulate and solve problems in Computer Science and Engineering and other related domains and will develop proficiency in computer based engineering and the use of computation tools.

PEO2: Graduates will be prepared to communicate and work effectively on the multidisciplinary engineering projects practicing the ethics of their profession with a sense of social responsibility.

PEO3: Graduates will recognize the importance of lifelong learning to become experts either as entrepreneurs or employees and to widen their knowledge in their domain

PROGRAM SPECIFIC OUTCOMES (PSOs)

Ability to adapt to a rapidly changing environment by learning and employing new programming skills and technologies.

Ability to use diverse knowledge across the domains with inter-personnel skills to deliver the Industry need.

Course	UNIQUE CODE	Outcomes
Gender Sensitization Lab MC300HS L- 0 T- 0 P- 3 C-0	GSLAB.CO1	Students will have developed a better understanding of important issues related to gender in contemporary India.
	GSLAB.CO2	Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender.
	GSLAB.CO3	Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
	GSLAB.CO4	Men and women students and professionals will be better equipped to work and live together as equals.
	GSLAB.CO5	Through providing accounts of studies and movements as well as the new laws that provide protection and relief to women, the textbook will empower students to understand and respond to gender violence.

COURSE OUTCOMES- PROGRAM OUTCOMES MAPPING MATRIX

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MOS.CO1	3	3	3	2	2	2	1	1	2	2	2	2
MOS.CO2	3	3	3	2	2	2	1	1	2	2	2	2
MOS.CO3	3	3	3	2	2	2	1	1	2	2	2	2
MOS.CO4	3	3	3	2	2	2	1	1	2	2	2	2
MOS.CO5	3	3	3	2	2	2	1	1	2	2	2	2
MMS.CO1	3	3	3	3	3	3	1	2	-	-	3	3
MMS.CO2	3	3	3	3	3	3	1	2	-	-	3	3
MMS.CO3	3	3	3	3	3	3	1	2	-	-	3	3
MMS.CO4	3	3	3	3	3	3	1	2	-	-	3	3
MMS.CO5	3	2	3	3	3	3	1	2	-	-	3	3
KOM.CO1	3	3	3	3	2	2	-	-	-	1	-	-
KOM.CO2	3	3	3	2	1	1	-	-	-	1	-	-
KOM.CO3	3	3	3	3	2	1	-	-	-	1	-	-
KOM.CO4	3	3	3	3	2	2	-	-	-	-	-	-
TD.CO1	3	3	3	3	1	1	-	-	-	-	-	-
TD.CO2	2	2	3	2	3	3	2	3	-	-	-	-
TD.CO3	3	3	3	2	3	3	2	3	-	-	-	-
FLLAB.CO1	3	3	3	2	3	3	2	3	-	-	-	-