DEPARTMENT OF ELECTRONICS ENGINEERING

COURSE OUTCOMES

Year/Class/Semester: T.E./EXL/ VI

Subject Code	Subject Name	CO's
ELX 601	Embedded Systems& Real Time Operating System	At the end of the course student will be able to: CO1- Identify and describe various characteristic features and applications of embedded systems. CO2- Analyze and identify hardware for embedded systems implementation. CO3- Analyze and identify various software issues involved in embedded systems for real time requirements. CO4- Analyze and explain the design life-cycle for embedded system implementation.
ELX 602	Computer Communication and Networks	At the end of the course student will be able to: CO1- Demonstrate understanding of networking concepts and required protocols CO2- Analyze the various layers and protocols of the layered architecture CO3- Evaluate different addressing schemes, connecting devices and routing protocols CO4- Appreciate the application layer protocols
ELX 603	VLSI Design	At the end of the course student will be able to: CO1- Demonstrate a clear understanding of choice of technology, scaling, MOS models and system level design issues. CO2- Design and analyze MOS based inverters. CO3- Design MOS based circuits with different design styles. CO4- Design semiconductor memories, adders and multipliers.
ELX604	Signals and Systems	At the end of the course student will be able to: CO1- Differentiate between continuous time and discrete time Signals and Systems. CO2- Understand various transforms for time domain to frequency domain conversion CO3- Apply frequency domain techniques for analysis of LTI systems CO4- Apply frequency domain techniques for analysis of continuous and discrete signals
ELX DLO6022	Electronic Product Design (EPD)	At the end of the course student will be able to: CO1- Design electronic products using user-centered designing processes

		CO2- Identify & recognize essential design & production procedures of electronic products CO3- Implement a prototype for meeting a particular requirement / specification CO4- Demonstrate problem solving & troubleshooting skills in electronic product design CO5- Prepare the relevant set of design documentation & present it as a case study.