Course Outcomes (CO) - B. Tech. - SEMESTER IV

Sr. No.	Subject Code	Course Title	Code	Course Outcome
1	ME212	Applied Thermodynamics & Thermal Engineering	a	Describe different power generation systems. i.e., I. C. Engine, Steam turbines, gas turbine etc.
			b	explain about heat transfer process for thermal power plants.
			c	utilize steam condenser .
			d	Apply the knowledge of applied thermodynamic and thermal engineering.
2	EC212	Digital Circuits	a	Familiar with basic concepts of number systems and it's operation
			b	Able to design and analyze combinational Circuits using suitable minimization techniques
			c	Able to design and demonstrate the operations of sequential circuits
			d	Able to model specific digital functions commonly employed in the design of digital system
3	EE202	Network and Systems	a	Evaluate Fourier series and transforms, and use their properties to solve problems.
			b	Explain the fundamental concepts of analysis of two-port passive networks, different types of passive filters, synthesis of one port reactive network.
			c	Explain the concept of steady state; analyze the frequency response of circuits containing passive components, construct simple Bode plots for first- and second-order circuits
			d	Understand various signals and systems properties, able to analyse linear time invariant systems used in engineering.
4	EE204	Electrical Machines-II	a	Describe the basic principles of DC machines and Synchronous machines.
			b	Analyse the steady state performance of DC machines and Synchronous machines.

			c	Apply the concepts to real world applications.
			d	Be able to work in a team and communicate effectively
5	EE206	Computer Applications for Electrical Engineering	a	Students will be able to understand the basic numerical methodology for solving problems.
			b	They will be able to write the algorithms for numerical methods on any of the computer platform.
			c	They can understand and apply these methods for different subjects or other areas.
			d	They can use the knowledge of these methods to solve their thesis problems as well and gain better understanding of the project.