THIRD YEAR THIRD SEMESTER

Course Code & Title	Course Outcomes
EE501PC&Electrical Measurements & Instrumentation.	CO1: categorize different types of electrical measuring instruments and essential torques required for MI and MC.
	CO2: Determine unknown values of R, L,C using DC and AC bridges.
	CO3: Analyze different types of instrument transformers .
	CO4: Illustrate the construction and working principle of various frequency, powerfactor,energy ,Ac&DC potentiometers.
	CO5: Analyze different types of transducers.
EE502PC&Power Systems - II	CO1: Able to compute inductance and capacitance for different configurations of transmission lines.
	CO2: Able to analyze the performance of transmission lines.
	CO3: Can understand transient's phenomenon of transmission lines.
	CO4: Able to calculate sag and tension calculations.
	CO5: understand overhead line insulators and underground cables.
EI503PC&Microprocessors and Microcontrollers	CO1: Illustrate the architecture of 8086 and write Assembly Language Program using 8086 instructions.
	CO2:Interface memory with 8086 Microprocessor
	CO3:Interface various Peripherals with 8086 Microprocessor.
	CO4: Illustrate the architecture of 8051 and write Assembly Language Program using 8051 instructions.
SM504MS&Fundamentals of Management	CO1: understand the significance of Management in their Profession.
	CO2: understand Management Functions like Planning, Organizing, Staffing, Leading, Motivation and Control aspects are learnt in this course.
	CO3: Explore the Management Practices in their domain area.
	CO4:
	CO5:
DBMS&Open Elective - I(DBMS)	CO1:
	CO2:
	CO3:
	CO4:
	CO5:
EE505PC&Electrical Measurements & Instrumentation Lab	CO1: To calibrate LPF Watt Meter, energy meter, P. F Meter using electro dynamo meter type instrument as the standard instrument.
	CO2: To determine unknown inductance, resistance, capacitance by performing experiments on D.C Bridges & A. C Bridges.
	CO3: To determine three phase active & reactive powers using single wattmeter method practically.
	CO4: To determine the ratio and phase angle errors of current transformer and potential transformer.
	CO5: find the accuracy of any instrument by performing experiment .
	CO1: Apply signal generation in different systems.

EE506PC&Basic Electrical simulation Lab	**CO2: Analyze networks by various techniques**
	CO3: Analyze circuit responses
	CO4: Analyze bridge rectifiers
EE506PC&Microprocessors and Microcontrollers Lab	**CO1: Develop various Arithmetic operations in 8086.**
	CO2: Develop various Logical operations in 8086.
	CO3: Interface various peripherals like 8255,8279,8251 etc .
	CO4: Interface various devices like DAC, stepper motor etc
***MC500HS&Professional Ethics**	**CO1: Learns about dilemmas and moral issues and be able to apply these concepts to solve various Professional problems.**
	CO2: Acquires and Applying of the basic concepts of Professional ethics and human values & also gain the practical implication of ethical theories.
	CO3: Knows the duties and responsibilities towards the society being in engineering profession.
	CO4: Students gain the practical implication of evacuation from risk & maintaining confidentiality.
	CO5: Meets the global Challenges and develop the skills to sustaining in competitive Environment.