Sample CO's

Course Code/ Name	Course Outcome	Statement
		III Semester
17EI3303 Analog Electronic Circuits	CO1	Determine the parameters of BJT and FET amplifiers at low frequencies.
	CO2	Analyze various feedback amplifiers.
	CO3	Analyze different oscillator circuits.
	CO4	Analyze various types of power amplifiers used in electronic applications with respect to efficiency.

Course Code/ Name	Course Outcome	Statement
		IV Semester
17EI3403 Industrial Instrumentation	CO1	Outline the operation of various transducers for temperature measurement.
	CO2	Illustrate the operation of pressure measuring transducers.
	CO3	Select a relevant flow transducer based on the given requirements
	CO4	Illustrate the operation of miscellaneous transducers

Course Code/ Name	Course Outcome	Statement
		V Semester
17EI3502 Digital Signal Processing	CO1	Analyze the signals and systems using Fourier transform and Z- transform
	CO2	Apply Fast Fourier Transform algorithms to compute DFT.
	CO3	Model digital infinite impulse response filters (Butterworth and Chebyshev) using bilinear transformation and impulse invariance transformation methods
	CO4	Model the digital finite impulse response filters using windowing techniques

Course Code/ Name	Course Outcome	Statement
		VI Semester
17EI5653 Engineering Project In Community Services	CO1	Demonstrate a through and systematic understanding of societal problems and contemporary issues
	CO2	Develop interest towards research-oriented field through literature exploration
	CO3	Exhibit competency in suggesting optimum solution by detail analysis of the problem
	CO4	Demonstrate effective interpersonal, communication& presentation skills in relating engineering issues to broader societal context

Course Code/ Name	Course Outcome	Statement
		VII Semester
17EI3751 Industrial Automation Lab	CO1	Apply PLC programming methods to control basic process variables in prototype models.
	CO2	Infer the automation of different industrial prototype processes.
	CO3	Demonstrate the basic programming of DCS through Experion PKS server.
	CO4	Apply DCS programming methods to control multi-tank cascade processes.

Course Code/ Name	Course Outcome	Statement
		VIII Semester
17EI4801/B Biomedical Instrumentation	CO1	Infer the physical foundations of biological systems and bioelectric potentials in the medical field
	CO2	Analyze electrical and non-electrical parameters of the human body
	CO3	Illustrate the concepts of medical assisting and therapy equipment
	CO4	Outline various clinical instruments and image modalities applicable in the medical field