COURSE CODE	COURSE NAME	CO	CO STATEMENT
C201	Managerial Economics and Financial Analysis	C201.1	Analyze macro, micro economic concepts useful for business units and determine influences of demand and supply analysis
		C201.2	Understand the production functions , types of costs and solving engineering problems by applying knowledge of economics
		C201.3	Analyze the consciousness about market structures and pricing methods of industries
		C201.4	Identify the business as their own and understand different stages of business cycle
		C201.5	Evaluation of financial statements and their analysis through ratios etc.,
		C201.6	Interpretation of financing methods, their applicability in decision making and problem-solving skills according to new trends.
C202	Electronic Devices and Circuits	C202.1	Acquire knowledge about the basic concepts of semiconductor physics.
		C202.2	Classification and working principle of different semiconductor electronic devices and their applications.
		C202.3	Design and Analyse the working of diode as a rectifier.
		C202.4	Demonstrate working principle of different BJT and FET configurations and analyse their behaviour.
		C202.5	Illustrate different biasing circuits using BJT and FETS to calculate stability parameters.
		C202.6	Summarize the design of small signal low frequency amplifier models for simple

			applications.
C203	Data Structures	C203.1	Analyze different algorithms, searching and sorting techniques based on their complexity.(Analyze)
		C203.2	Apply different data structures such as stacks and queues, to solve various computing problems.(Apply)
		C203.3	Be familiar with implementing data structures using linked list.(Understand)
		C203.4	Effectively choose the data structure like binary trees and binary search trees to solve storage problems.(Analyze)
		C203.5	Identify binary search trees to solve problems. (Apply)
		C203.6	Acquire knowledge where to apply linear/nonlinear data structures like graphs. (Apply)
C204	Environmental Studies	C204.1	Student will know about the environment and components and structure and functions of the environment, ecosystem.
		C204.2	Understands about the natural resources and environmental impacts and which kind of methods should apply for the sustainable development.
		C204.3	Ability to understand the biodiversity of India and identifies its threats and describes about the conservation practices to protect the biodiversity
		C204.4	Acquire knowledge on environmental pollution of different kinds effects on living and nonliving things and control measures of pollution.
		C204.5	Able to identify social issues both rural and urban environment and the possible means to applicate the environmental legislations of India towards sustainable development

		C204.6	Acquiring the environmental assessment and stages involved in EIA and environmental audit for the self-sustaining and ecofriendly green campus
C205	Signals & Systems	C205.1	Cclassify the signals and analyse periodic signals using Fourier Series.
		C205.2	Apply Fourier Transform to convert time domain signals into frequency domain and also able to explain sampling process.
		C205.3	Compare different types of systems in terms of linearity, stability etc...
		C205.4	Estimate the energy & power spectral density of signals and understand the concepts of correlation and convolution.
		C205.5	Apply Laplace Transform to convert time domain signals into s-domain signals
		C205.6	Find the Z-Transform for discrete time signals and check the stability using region of convergence.
C206	Electrical Technology	C206.1	Understand the principle of electro mechanical energy conversion.
		C206.2	Understand the operation and construction of DC generator and analyze their characteristics.
		C206.3	Understand the operation and construction of DC motor and analyze their characteristics.
		C206.4	Understand the operation of a transformer and analyze the testing's of a transformer
		C206.5	Understand the concept of three phase induction motor.
		C206.6	Understand the operation of special electrical machines.
C207	Electronic Devices and Circuits Lab	C207.1	Identification, testing and study of Active, Passive components, Measuring Instruments
		C207.2	Analyze the working principle and V-I characteristics of PN junction and Zener Diodes

		C207.3	Evaluate the performance metrics of Half wave and Full wave rectifiers
		C207.4	Analyze the working principle and V-I characteristics of Transistors and JFETs
		C207.5	Design of different amplifiers for required gain bandwidth product values.
		C207.6	Distinguish the Thyristor Family devices and Examine the operating characteristics
C208	Networks &Electrical Technology Lab	C208.1	Understand the simplification analogy of electrical circuits with the application of various network theorems
		C208.2	Study the behaviour of RLC circuits at resonant frequency
		C208.3	Understand and determine two-port network parameters
		C208.4	Study the speed control methods of DC Motors
		C208.5	Determine the performance characteristics of DC machines by Direct and Indirect methods
		C208.6	Determine equivalent circuit parameters and performance of transformers and induction motors.