



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COUSE OUTCOMES SUMMARY II-II ECE A.Y:2020-21

CO#	CO Statement	BTL
Course Name:Electronic Circuit Analysis (C221)		
C221.1	Analyze the amplifier circuits using small signal model	Analyze
C221.2	Analyze the different types of the coupled amplifiers and their performance characteristics,	Analyze
C221.3	Describe and analyze the different types of feedback amplifiers	Analyze
C221.4	Analyze and Design oscillator Circuits.	Create
C221.5	Analyze different types of power amplifiers and compare them in terms of efficiency.	Analyze
	Analyze the effects of cascading on single, double tuned amplifiers on bandwidth and their	
Course Name:Linear Control Systems (C222)		
C222.1	Understand the concepts of feedback and its advantages to various control systems	Understand
C222.2	Discuss the characteristics of the given system in terms of the transfer function	Apply
C222.3	Analyze the system in terms of absolute stability and relative stability by different approaches	Analyze
C222.4	Analyse the frequency response by applying the performance metrics to design the control system .	Analyze
C222.5	Design different control systems as per given specifications and also the concepts of controllability and observability	Evaluate
Course Name:Electromagnetic Waves and Transmission		
C223.1	Transmission Lines Types,Equivalent circuits and Phase &Group velocities.	Understand& Apply
C223.2	Expressions for input impedance of transmission lines,reflection coefficient, VSWR etc. and smithchart	Understand & Apply
C223.3	Review of Co-ordinate Systems, Electrostatics and Poisson's and Laplace's Equations & Capacitance	Apply & Understand
C223.4	Magneto Statics and Maxwell's Equations for the Time Varying Fields	Analyze &Apply
C223.5	Analyze the concept of reflection and refraction of plane waves.	Understand & Apply
Course Name: Analog Communications (C224)		
C224.1	Explain the basic concepts of Analog Communication	Understand
C224.2	Explain the analog communication systems using amplitude modulation and demodulation	Understand
C224.3	Explain the analog communication systems using angle modulation and demodulation	Understand
C224.4	Evaluate the performance of fundamental blocks constituting various analog modulation	Evaluate
C224.5	Analyze the impact of noise in various analog communication systems	Analyze
Course Name: Computer Architecture and Organization (C225)		
C225.1	Understand the architecture of ancient and modern computers, distinguish software & Hardware and Analyze the performance of a computer using performance equation	Analyze
C225.2	Familiar and identify different types about instruction, addressing mode and different languages	Understand, Analyze
C225.3	Differentiate I/O devices and interface circuits.	Apply
C225.4	Analyze the performance of the hierarchical of memory	Analyzing
C225.5	Differentiate the Hardwired and Micro Programmed control	Analyzing
Course Name: Management and Organizational Behavior (C226)		

C226.1	Explain the concept and functions of management, system approach to management	Understand
C226.2	Explain the concept of HRM and Marketing Management	Understand
C226.3	Define the concept of strategic management, generic alternate strategies	Remember
C226.4	Describe the concept of impression management and theories of motivation	Remember
C226.5	Explain the concept of Group behaviour and strategies of stress	Understand

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