Amar Sewa Mandal's

GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY



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Dr. (Smt.) Suhasini Wanjari Adv. Abhijit G. Wanjarri Dr. Smeeta Wanjarri

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B. TECH. 3RD SEMESTER

LEARNING MANAGMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
1	ENGINEERING MATHEMATICS-III (BTBS301)	CO1: Apply the concept of Laplace transform to solve the real integrals in engineering problems	<u>VIEW</u>
		CO2: Apply the concept of inverse Laplace transform of various functions in engineering problems	VIEW
		CO3: Solve problems related to Fourier transform, Laplace transform and applications to Communication systems and Signal processing.	<u>VIEW</u>
		CO4: Develop an acquaintance with the method of finding solution of differential equations	<u>VIEW</u>
		CO5: Analyze conformal mappings, transformations and perform contour integration of complex functions in the study of electrostatics and signal processing.	<u>VIEW</u>
2	DISCRETE MATHEMATICS (BTCOC302)	CO1: Understand sets, relations, functions and discrete structures. Apply Propositional logic and First order logic to solve problems.	<u>VIEW</u>
		CO2: Express and solve problems on function and relations with combinatory.	VIEW
		CO3: Calculate and solve the problems on graph theory.	VIEW
		CO4: Recall, restate and apply the algorithms applicable for tree.	VIEW
		CO5: Interpret algebraic structure and morphism for groups, rings and Boolean algebra.	VIEW
3	DATA STRUCTURES (BTCOC303)	CO1: Analyze the working mechanism and design guidelines of different Combinational logic circuits.	VIEW
		CO2: Analyze the working mechanism and design guidelines of different sequential circuits.	<u>VIEW</u>
		CO3: Design and implement hardware circuit to test performance and application.	VIEW
		CO4: To develop skill to build, and troubleshoot digital circuits.	VIEW
		CO5: Understand the architecture and use of VHDL	VIEW

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Dr. Salim Chava	n			

		for basic operations and Simulate using simulation software.	
4	COMPUTER ARCHITECTURE AND ORGANIZATION (BTCOC304)	CO1: Understand the fundamentals of computer organization, architecture, and the CPU structure.	VIEW
		CO2: Apply instruction set characteristics, addressing modes, and instruction formats in both RISC and CISC architectures.	<u>VIEW</u>
		CO3: Evaluate arithmetic operations in the ALU, focusing on integer and floating-point representations and arithmetic.	VIEW
		CO4: Apply memory organization concepts for both internal and external memory systems, including cache, DRAM, and RAID.	VIEW
		CO5: Identify control unit operations and I/O organization, including micro-programming, I/O interfaces, and parallel processing concepts.	VIEW
5	OBJECT ORIENTED PROGRAMMING IN C++ (BTCOC305A)	CO1: Recall and interpret the object oriented approaches with constructors.	VIEW
		CO2: Identify and explain operator overloading, inheritance and polymorphism.	VIEW
		CO3: Differentiate and demonstrate various functions with pointers in polymorphism.	VIEW
		CO4: Illustrate the concept of streams and files with different operations on it.	VIEW
		CO5: Predict and determine various templates, exception handling techniques and STL with algorithms and containers.	VIEW