



Amar Sewa Mandal's
GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY
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NAAC ACCREDITED

AN ISO 9001-2015 & ISO 14001-2015 CERTIFIED INSTITUTE

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President Secretary Treasurer Principal
Dr. (Smt) SuhasiniWanjari Adv. Abhijit G. Wanjari Dr.SmeetaWanjari Dr Salim Chavan

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

BTECH 3RD SEMESTER

LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
1	ENGINEERING MATHEMATIC III (BTBS301)	CO1: Apply the concept of Laplace transform to solve the real integrals in engineering problems	UNIT NO.1
		CO2: Apply the concept of inverse Laplace transform of various functions in engineering problems	UNIT NO.2
		CO3: Solve problems related to Fourier transform, Laplace transform and applications to Communication systems and Signal processing.	UNIT NO.3
		CO4: To develop an acquaintance with the method of finding solution of differential equations	UNIT NO.4
		CO5: Analyze conformal mappings, transformations and perform contour integration of complex functions in the study of electrostatics and signal processing.	UNIT NO.5
2	ELECTRONIC DEVICES AND CIRCUIT (BTETC – 302)	CO1: Classify various configurations and biasing technique of BJT.	UNIT NO.1
		CO2: Analyze construction, operation, biasing and applications of JFET & MOSFET.	UNIT NO.2
		CO3: Understand & classify the Power Amplifier Circuit in different modes	UNIT NO.3
		CO4: Understand the concept of Feedback amplifiers.	UNIT NO.4
		CO5: Apply the knowledge to design different oscillator circuits.	UNIT NO.5
3	DIGITAL ELECTRONICS (BTETC – 303)	CO1: Analyze the working mechanism and design guidelines of different Combinational logic circuits.	UNIT NO.1
		CO2: Analyze the working mechanism and design guidelines of different sequential circuits.	UNIT NO.2
		CO3: Design and implement hardware circuit to test performance and application.	UNIT NO.3
		CO4: To develop skill to build, and troubleshoot digital circuits.	UNIT NO.4
		CO5: Understand the architecture and use of VHDL for basic operations and Simulate using simulation	UNIT NO.5



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		software.	
4	ELECTRICAL MACHINES AND INSTRUMENTS (BTES304)	CO1: Understand the construction, working ,back emf, starters of DC Machine	UNIT NO.1
		CO2: Understand the concept of Induction Motor and Synchronous Motor	UNIT NO.2
		CO3: Study the different types of Special Purpose Motor	UNIT NO.3
		CO4: Classify the different sensors and transducers	UNIT NO.4
		CO5: Understand the different Industrial Measurement and their application	UNIT NO.5