Amar Sewa Mandal's

GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY

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

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President	Secretary	Treasurer	Principal
Dr. (Smt) SuhasiniWanjari	Adv. Abhijit G. Wanjarri	Dr.SmeetaWanjarri	Dr Salim Chavan

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

BTECH 6TH SEMESTER

LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
1	ANTENNAS AND WAVE PROPAGATION (BTETC601)	**CO1:Understand & Explain** the basic concepts, OSI reference model, services and role of each layer of OSI model and TCP/IP, networks devices and transmission media.	UNIT 1
		CO2:Apply channel allocation, framing, error and flow control techniques.	UNIT 2
		CO3:Describe the functions of Network Layer i.e. Logical addressing, sub netting & Routing Mechanism.	UNIT 3
		CO4:Analyze & Explain the different Transport Layer function i.e. Port addressing, Connection Management, Error control and Flow control mechanism.	UNIT 4
		CO5:Understand the different protocols used at application layer i.e. HTTP, SNMP, SMTP, FTP, TELNET and VPN.	UNIT 5
2	DIGITAL COMMUNICATION (BTETC602)	**CO1: Analyze** the performance of baseband and pass band digital communication system in terms of error rate and spectral efficiency.	UNIT 1
		CO2: Perform the time and frequency domain analysis of the signal in a digital communication system.	UNIT 2
		CO3: Select the blocks in a design of digital communication system.	UNIT 3
		CO4: Describe various Digital Modulation techniques.	UNIT 4
		CO5: Analyze performance of spread spectrum communication system.	UNIT 5
3	MICROPROCESSOR AND MICROCONTROLLER (BTETPE603)	**CO1: Learn** importance of microprocessor and microcontroller in designing embedded application.	UNIT 1
		CO2: Students can **identify** and formulate control and monitoring systems.	UNIT 2

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		CO3: Learn to use of hardware and software and software tools.	UNIT 3
		CO4: Develop interfacing to real world devices.	UNIT 4
		CO5: Students get **ability** to conduct experiments based on interfacing of devices or interfacing to real world applications.	UNIT 5
4	COMPUTER NETWORK (BTETOE 604)	**CO1:Understand** the wave propagation mechanism at different frequencies.	UNIT 1
		CO2:Analyze the power radiated by different antennas and their radiation characteristics.	UNIT 2
		CO3:Interpret the relationships between antenna parameters.	UNIT 3
		CO4:Demonstrate basic understanding of smart antennas for broad frequency range.	UNIT 4
		CO5:Design and analyze different antennas and antenna arrays.	UNIT 5
5	EMPLOYABILITY AND SKILL DEVELOPMENT(BTHM605)	**CO1: Improve** the soft skills and communication.	UNIT 1
		CO2: Empower Arithmetic and Mathematical Reasoning and Analytical Reasoning and Quantitative Ability	UNIT 2
		CO3: Use of grammar.	UNIT 3
		CO4: Development in interview skills.	UNIT 4
		CO5: Develop problem solving techniques.	UNIT 5