



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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Dr. (Smt) Suhasini Wanjari

Secretary
Adv. Abhijit G. Wanjari

Treasurer
Dr. Smeeta Wanjari

Principal
Dr Salim Chavan

DEPARTMENT OF INFORMATION TECHNOLOGY
BTECH 5TH SEMESTER
LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
01	SOFTWARE ENGINEERING(BTITC501)	CO1: Apply software development processes and life cycle models.	UNIT- I
		CO2: Design systems using UML diagrams and design patterns.	UNIT- II
		CO3: Implement software testing strategies, including white-box and black-box.	UNIT- III
		CO4: -Plan and manage software projects with estimation and scheduling.	UNIT- IV
		CO5: -Apply software quality assurance, risk management, and change management.	UNIT- V
02	COMPUTER NETWORKS AND INTERNETWORKING PROTOCOLS (BTITC502)	CO1: Compare OSI and TCP/IP models, understand addressing and Ethernet.	UNIT- I
		CO2: Learn wireless LANs, IPv4, subnetting, supernetting, and network services.	UNIT- II
		CO3: Understand IP packet delivery, routing, ARP, and ICMP..	UNIT- III
		CO4:To setup a host and network in terms of IP Addressing.	UNIT- IV
		CO5: Understand TCP services, flow control, and congestion management. Internet.	UNIT- V
03	ELECTIVE-II IT SERVICE MANAGEMENT (BTITPE503B)	CO1: Identify IT services that provide value and functionality to customers.	UNIT- I
		CO2: Describe stakeholder needs in the service value chain.	UNIT- II
		CO3: To demonstrate the value of a service management framework.	UNIT- III
		CO4: Explain service management processes for customers.	UNIT- IV
		CO5: Select tools to support a designed service management solution.	UNIT- V
04	ELECTIVE-III PROGRAMMIN	CO1: Understand Java syntax, data types, operators, and control statements.	UNIT- I



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G IN JAVA	CO2: Apply OOP concepts like classes, methods, inheritance, and applets.	UNIT- II
	CO3: Develop multithreaded programs and handle exceptions.	UNIT- III
	CO4: - Implement graphics programming using AWT and Swing.	UNIT- IV
	CO5: - Handle file I/O operations with streams in Java.	UNIT- V