



Amar Sewa Mandal's

GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY
148/149, Salai Godhani, Near Chikna Village, Hudkeshwar Road, Nagpur – 441204

Ph - 7823850876 / 9307464978

NAAC ACCREDITED



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

Email – gwcet@rediffmail.com Website: www.gwcet.ac.in

President
Dr. (Smt) Suhasini Wanjari

Secretary
Adv. Abhijit G. Wanjari

Treasurer
Dr. SmeetaWanjari

Principal
Dr Salim Chavan

DEPARTMENT OF INFORMATION TECHNOLOGY
BTECH 3RD SEMESTER
LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
01	ENGINEERING MATHEMATICS – III (BTBS301)	CO1: Apply Laplace transforms to solve circuit problems and evaluate integrals..	UNIT- I
		CO2: Use inverse Laplace transforms to solve linear differential equations.	UNIT- II
		CO3: Understand and apply Fourier transforms in signal processing.	UNIT- III
		CO4: Form and solve partial differential equations using separation of variables.	UNIT- IV
		CO5: -Apply concepts of complex variables, including Cauchy-Riemann equations, harmonic functions, and residue theorems.	UNIT- V
02	INTERPERSONAL COMMUNICATION SKILLS AND SELF-DEVELOPMENT FOR ENGINEERS (BTHM3402)	CO1:To acquire interpersonal communication skills.	UNIT- I
		CO2:To develop the ability to work independently.	UNIT- II
		CO3:To develop the qualities like self-discipline, self-criticism and self-management.	UNIT- III
		CO4:To have the qualities of time management and discipline.	UNIT- IV
		CO5:To present themselves as an inspiration for others.	UNIT- V
03	COMPUTER ARCHITECTURE AND ORGANIZATION (BTITC303)	CO1:To identify components of a computer system including CPU, memory and input/output units.	UNIT- I
		CO2:To explain instruction types, its execution and interrupt mechanism.	UNIT- II
		CO3:To illustrate numerical and character representations in digital logic and floating-point arithmetic.	UNIT- III
		CO4: -Learn control unit operations, micro-operations, and control implementations.	UNIT- IV
		CO5: -Understand I/O organization and methods like programmed, interrupt-driven, and direct I/O.	UNIT- V
04	OBJECT ORIENTED PARADIGM WITH C++ (BTITC304)	CO1:To draw the control flow of a program.	UNIT- I
		CO2:To understand the storage concepts in a simple program.	UNIT- II
		CO3:To program using basic concepts of OO languages i.e., objects, encapsulation, data hiding, polymorphism etc	UNIT- III
		CO4: To program using advanced concepts of OO	UNIT- IV



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		languages such as exception handling etc.	
		CO5:To work with files and its different mode.	UNIT- V
05	DATA STRUCTURES AND APPLICATIONS (BTITC305)	CO1:To write neat code by selecting appropriate data structure and demonstrate a working solution for a given problem.	UNIT- I
		CO2:To think of all possible inputs to an application and handle all possible errors properly.	UNIT- II
		CO3:To analyze clearly different possible solutions to a program and select the most efficient one.	UNIT- III
		CO4:To write an application to demonstrate a good working solution.	UNIT- IV
		CO5:To demonstrate the ability to write reusable code and abstract data types with object based approach.	UNIT- V