



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Department of Computer Science and Engineering (AI & ML)

II B. Tech I Semester

SUBJECT: ENGINEERING WORKSHOP

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C118.1	Understand the basic manufacturing processes and operations.	2
C118.2	Use hand tools and equipment safely and efficiently.	3
C118.3	Perform basic operations in carpentry, fitting, welding, sheet metal work, and machining.	3
C118.4	Read and interpret workshop drawings.	3
C118.5	Develop teamwork, time management, and quality awareness in a workshop environment.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C118.1	2	1			2			1				1	1	
C118.2	2	1			3	1	1	2	2			2	1	
C118.3	2	2	1	1	3	1	1	2	2			2	2	
C118.4	2	2	1		2			1		1		1	1	
C118.5	1	1			1			2	3	2	1	1	1	
Average	1.8	1.4	0.4	0.2	2.2	0.4	0.4	1.6	1.4	0.6	0.2	1.4	1.2	



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SUBJECT: Mathematical and Statistical Foundations

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C 201.1	Apply the number theory concepts to cryptography domain	3
C 201.2	Apply the concepts of probability and distributions to some case studies.	4
C 201.3	Correlate the material of one unit to the material in other units.	3
C 201.4	Resolve the potential misconceptions and hazards in each topic of study.	3
C 201.5	Fit the curve, correlation and regression for the given data.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C 201.1		1						1	2	3	1			
C 201.2		1						1	2	3	1			
C 201.3								2	2	3	1			
C 201.4		1	1					2	3	3	1			
C 201.5		1						2	2	3	2			
Average		0.8	0.2					1.6	2.2	3.0	1.2			



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SUBJECT: COMPUTER ORGANIZATION AND ARCHITECTURE

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C202.1	Understand the basics of instruction sets and their impact on processor design.	2
C202.2	Demonstrate an understanding of the design of the functional units of a digital computer system.	3
C202.3	Evaluate cost performance and design trade-offs in designing and constructing a computer processor including memory.	5
C202.4	Design a pipeline for consistent execution of instructions with minimum hazards	5
C202.5	Recognize and manipulate representations of numbers stored in digital computers	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PS01	PS02	PS03
C202.1	3	2	1		1							2	1	
C202.2	3	3	2	2	2							3	2	1
C202.3	3	3	2	2	2							3	2	1
C202.4	3	3	3	2	2							3	3	2
C202.5	3	2	1	1	1							2	1	
Average	3.0	2.6	1.8	1.4	1.6							2.6	1.8	0.8



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Department of Computer Science and Engineering (AI & ML)

II B. Tech I Semester

SUBJECT: OBJECT ORIENTED PROGRAMMING THROUGH JAVA

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C203.1	Demonstrate the behavior of programs involving the basic programming constructs like control structures, constructors, string handling and garbage collection.	3
C203.2	Demonstrate the implementation of inheritance (multilevel, hierarchical and multiple) by using extend and implement keywords	3
C203.3	Use multithreading concepts to develop inter process communication.memory.	4
C203.4	Understand the process of graphical user interface design and implementation using AWT or swings.	3
C203.5	Develop applets that interact abundantly with the client environment and deploy on the server.	4

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PS01	PS02	PS03
C203.1	3	2	2	1	2							3	2	1
C203.2	3	2	3	1	2							3	3	1
C203.3	3	3	2	2	2							3	2	1
C203.4	2	2	2	1	3							2	3	1
C203.5	2	2	3	2	3							3	3	2
Average	2.6	2.2	2.4	1.4	2.4							2.8	2.6	1.2



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II B. Tech I Semester

SUBJECT: SOFTWARE ENGINEERING

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C204.1	Ability to translate end-user requirements into system and software requirements, using e.g.	4
C204.2	UML, and structure the requirements in a Software Requirements Document (SRD).	3
C204.3	Identify and apply appropriate software architectures	4
C204.4	identify patterns to carry out high level design of a system and be able to critically compare alternative choices.	5
C204.5	Will have experience and/or awareness of testing problems and will be able to develop a simple testing report	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C204.1	3	3	2	2	1							3	2	
C204.2	3	2	2	2	2							3	3	
C204.3	2	3	3	2	2							3	3	1
C204.4	2	3	3	3	1							2	3	1
C204.5	2	2	2	3	2							2	2	
Average	2.4	2.6	2.4	2.4	1.6							2.6	2.6	0.4



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SUBJECT: DATABASE MANAGEMENT SYSTEMS

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C205.1	Gain knowledge of fundamentals of DBMS, database design and normal forms	2
C205.2	Master the basics of SQL for retrieval and management of data.	3
C205.3	Be acquainted with the basics of transaction processing and concurrency control.	3
C205.4	Familiarity with database storage structures and access techniques	2
C205.5	to create and manage PL/SQL procedures, functions, packages, and triggers to implement complex business logic and database automation.	4

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C205.1	3	2	2	1								3	2	
C205.2	3	3	3	2	3							3	3	
C205.3	2	3	2	3	2							2	3	1
C205.4	2	2	2	2	3							2	2	1
C205.5	2	3	3	2	3							3	3	2
Average	2.4	2.6	2.4	2.0	2.2							2.6	2.6	0.8

CO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PSO1	PSO2	PSO3
C206.1	3	2	2	2	3							3	2	
C206.2	3	3	2	2	3							3	3	
C206.3	2	3	2	2	3							2	3	
C206.4	2	2	2	2	3							2	2	
C206.5	1	2	1	2	2							1	2	
Average	2.2	2.4	1.8	2.0	2.8							2.2	2.4	

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C207.1	3	3	3	2	3							3	3	
C207.2	2	2	2	1	2							2	2	
C207.3	2	3	2	2	2							2	3	
C207.4	2	2	3	2	3							2	3	
C207.5	2	2	2	1	2							2	2	
Average	2.2	2.4	2.4	1.6	2.4							2.2	2.6	

CO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PSO1	PSO2	PSO3
C208.1	3	3	2	2	2							3	2	
C208.2	2	2	3	2	2							2	3	
C208.3	2	2	2	3	2							2	2	
C208.4	2	3	2	2	2							2	3	
C208.5	2	2	3	2	3							2	3	
Average	2.2	2.4	2.4	2.2	2.2							2.2	2.6	

CO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PSO1	PSO2	PSO3
C209.1	3	3	2	2	3							3	2	
C209.2	2	2	2	1	3							2	2	
C209.3	2	3	3	2	3							2	3	
C209.4	2	2	2	2	3							2	2	
C209.5	2	3	2	3	2							2	3	
Average	2.2	2.6	2.2	2.0	2.8							2.2	2.4	



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SUBJECT: NODE JS/ REACT JS/ DJANGO

After going through this course, the student will be able to

S. No.	COURSE OUTCOMES	BT Level
C210.1	Build a custom website with HTML, CSS, and Bootstrap and little JavaScript.	3
C210.2	Demonstrate Advanced features of JavaScript and learn about JDBC	2
C210.3	Develop Server – side implementation using Java technologies like	3
C210.4	Develop the server – side implementation using Node JS.	3
C210.5	Design a Single Page Application using React.	3

MAPPING

[illegible]