

CO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PSO1	PSO2	PSO3
C211.1	3	3	1	2	1							2	2	
C211.2	3	3	1	2	2							2	2	
C211.3	3	3	2	3	2							3	2	
C211.4	2	2	1	2	1							2	1	
C211.5	3	3	2	2	3							3	3	
Average	2.8	2.8	1.4	2.2	1.8							2.4	2.0	

[illegible]

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C213.1	3	3	1	2	2							3	2	
C213.2	3	3	2	3	2							3	3	
C213.3	3	3	2	3	2							3	3	
C213.4	3	2	2	2	3							3	3	
C213.5	3	3	3	3	2							3	3	
Average	3.0	2.8	2.0	2.6	2.2							3.0	2.8	

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C214.1	2	2	1	1	2							2	2	
C214.2	2	3	1	1	2							2	2	
C214.3	3	3	2	2	3							3	3	
C214.4	3	3	2	2	3							3	3	
C214.5	3	3	2	3	3							3	3	
Average	2.6	2.8	1.6	1.8	2.6							2.6	2.6	

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C215.1	2	2	1	1	2							2	2	
C215.2	3	3	2	2	3							3	3	
C215.3	3	3	3	3	3							3	3	
C215.4	2	2	1	1	2							2	2	
C215.5	3	3	2	3	3							3	3	
Average	2.6	2.6	1.8	2.0	2.6							2.6	2.6	



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 II Semester

SUBJECT: INNOVATION AND ENTREPRENEURSHIP

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

S. No.	COURSE OUTCOMES	BT Level
C216.1	Understand the entrepreneurship and the entrepreneurial process and its significance in economic development.	2
C216.2	Assess the problem from an industry perspective and generate solutions using the design thinking principles.	4
C216.3	Assess market competition, estimate market size, and develop a prototype.	6
C216.4	Analyze Business and financial planning models and Go-to-Market strategies.	4
C216.5	Able to build a start-up, register IP and identify funding opportunities.	6

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C216.1	2	1				2		1		1	2			
C216.2	2	3	2	2	1	2		1	1	2	1	2		
C216.3	2	3	3	2	2	2		1	2	2	2	2	1	
C216.4	2	3	2	2	1	2		1	1	2	3	1	1	
C216.5	2	2	3	2	1	3		2	2	2	3	2	2	1
Average	2.0	2.4	2.5	2.0	1.2	2.2	–	1.2	1.2	1.8	2.2	1.4	1.0	0.2



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 II Semester

SUBJECT: OPERATING SYSTEMS LAB

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

S. No.	COURSE OUTCOMES	BT Level
C217.1	The student will be able to Simulate and implement operating system concepts such as scheduling, deadlock management, file management and memory management.	3
C217.2	Able to implement C programs using Unix system calls.	3
C217.3	Analyze the performance of different CPU scheduling and memory management algorithms through experiments.	4
C217.4	Design and develop solutions for process synchronization and inter-process communication.	6
C217.5	Demonstrate practical skills in using Linux environment for system-level programming and debugging.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PS01	PS02	PS03
C217.1	3	2	2	2	2				1			3	2	
C217.2	3	2	2		3				1			3	2	
C217.3	2	3	2	3	2				1			2	2	
C217.4	2	3	3	2	2				2	1		3	2	1
C217.5	2	2	2		3				1			2	2	
Average	2.4	2.4	2.2	1.4	2.4				1.2	0.2		2.6	2.0	0.2



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 II Semester

SUBJECT: COMPUTER NETWORKS LAB

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

S. No.	COURSE OUTCOMES	BT Level
C218.1	Implement data link layer framing methods	3
C218.2	Analyze error detection and error correction codes.	4
C218.3	Implement and analyze routing and congestion issues in network design.	3
C218.4	Implement Encoding and Decoding techniques used in presentation layer □ To be able to work with different network tools	3
C218.5	Implement data link layer framing methods	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C218.1	3	2	2		3				1			3	2	
C218.2	3	3	2	3	2				1			2	2	
C218.3	3	3	3	2	3				2			3	2	
C218.4	2	2	2		3				2	1		2	2	
C218.5	3	2	2		3				1			3	2	
Average	2.8	2.4	2.2	1.0	2.8				1.4	0.2		2.6	2.0	



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 II Semester

SUBJECT: MACHINE LEARNING LAB

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

S. No.	COURSE OUTCOMES	BT Level
C219.1	Understand modern notions in predictive data analysis	2
C219.2	Select data, model selection, model complexity and identify the trends	4
C219.3	Understand a range of machine learning algorithms along with their strengths and weaknesses	2
C219.4	Build predictive models from data and analyze their performance	3
C219.5	Evaluate and interpret machine learning models using appropriate performance metrics and validation techniques.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C219.1	2	2			2							2	2	
C219.2	3	3	2	3	2							3	2	
C219.3	2	2			2							2	2	
C219.4	3	3	3	2	3				1			3	3	
C219.5	3	2	2		3				1			3	2	
Average	2.6	2.4	1.4	1.0	2.4				0.4			2.6	2.2	



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 II Semester

SUBJECT: DATA VISUALIZATION - R PROGRAMMING/ POWER BI

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

S. No.	COURSE OUTCOMES	BT Level
C220.1	Understand How to import data into Tableau.	2
C220.2	Understand Tableau concepts of Dimensions and Measures.	2
C220.3	Develop Programs and understand how to map Visual Layouts and Graphical Properties.	3
C220.4	Create a Dashboard that links multiple visualizations.	3
C220.5	Use graphical user interfaces to create Frames for providing solutions to real world problems.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C220.1	2	1			3							2	3	
C220.2	2	2			3							2	3	
C220.3	2	2	2	2	3							3	3	
C220.4	2	2	3	2	3				1			3	3	
C220.5	2	2	3	2	3				2	2		3	3	
Average	2.0	1.8	2.7	2.0	3.0				1.5	2.0		2.6	3.0	



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 II Semester

SUBJECT: INDIAN KNOWLEDGE SYSTEM

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

S. No.	COURSE OUTCOMES	BT Level
C221.1	Understand nature, scope and related fields of Indian knowledge system.	2
C221.2	Demonstrate the scientific literature available in ancient Indian traditions	2
C221.3	Understanding the application of Bharatiya Jnana Parampara	3
C221.4	Understand Indian approach towards Wellbeing	2
C221.5	Appreciate vast contribution of ancient Indian researchers, engineers, scientists and architects to the modern world	2

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
C221.1	2						2	2				1		
C221.2	2	1					2	2				1		
C221.3	2	2					2	2				2		
C221.4	1						3	2	1			1		
C221.5	2	1					2	3		2		1		
Average	1.8	1.3					2.2	2.2	1.0	2.0		1.2		