

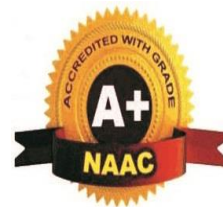


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(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

II B. Tech II Semester

SUBJECT: Computer Oriented Statistical Methods (25MA401BC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Apply the concepts of Random variable and distributions to case studies.	3
CO2	Formulate and solve problems involving random variables and apply statistical methods for analyzing experimental data.	5
CO3	Apply concept of estimation and testing of hypothesis to case studies.	3
CO4	Correlate the concepts of one unit to the concepts in other units.	4
CO5	Understand Stochastic process and Markov chains.	2

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3	3							3	3	3	
CO2	3	3	3	3	3							3	3	3	
CO3	3	3										2	3	2	
CO4	3	3	2	2								3	3	2	
CO5	3	3	2	2								3	3	3	
Average	3	3	2.5	2.5	3							2.8	3	2.6	

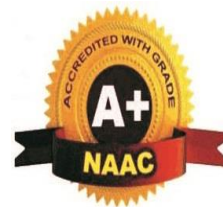


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SUBJECT: Operating Systems(25CS402PC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Understand the structure and functions of operating systems	2
CO2	Control access to a computer and the files that may be shared	5
CO3	Demonstrate the knowledge of the components of computers and their respective roles in computing.	2
CO4	Recognize and resolve user problems with standard operating environments.	4
CO5	Gain practical knowledge of how programming languages, operating systems, and architectures interact and how to use each effectively.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	2	1	1			3	2	3		1	2	2	1
CO2	3	3	3	2	2			2	3	2		2	3	3	2
CO3	3	3	3	3	2			1	2	2		2	3	2	2
CO4	2	3	3	2	2			2	2	1		2	3	3	2
CO5	3	3	3	3	3			2	2	2		3	3	3	3
Average	2.6	2.8	2.8	2.2	2			2	2.2	2.0		2	2.8	2.6	2

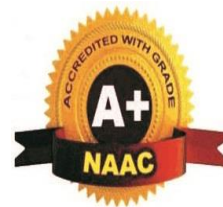


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SUBJECT: Computer Networks(25CS404PC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Gain the knowledge of the basic computer network technology.	1
CO2	Gain the knowledge of the functions of each layer in the ISO-OSI and TCP/IP reference model	2
CO3	Obtain the skills of subnetting and routing mechanisms.	1
CO4	Familiarity with the essential protocols of computer networks, and how they can be applied in network design and implementation.	3
CO5	Understanding working of the protocols through traces captured by a packet sniffer	2

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2	2	2				2			3	2	3	
CO2	3	3	2	2	3				2			2	1	3	
CO3	2	2	3	3	3				3			3	3	3	
CO4	3	3	3	3	3				3			3	3	3	
CO5	3	2	3	2	3				3			3	3	1	
Average	2.8	2.6	2.6	2.4	2.8				2.6			2.8	2.4	2.6	

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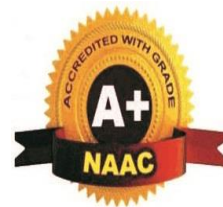


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SUBJECT: Operating Systems Lab(25CS407PC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Simulate and implement operating system concepts such as scheduling, deadlock management, file management and memory management.	1
CO2	Implement C programs using Unix system calls	2
CO3	Apply memory management and file system operations using system calls	3
CO4	Develop shell scripts for automation and system administration tasks	4
CO5	Demonstrate teamwork, debugging, and documentation skills in lab assignments	2

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2						2				2	2	2
CO2	3	3	3						2				3	3	2
CO3	3	3	3						2				3	3	3
CO4	3	3	3						2				3	3	2
CO5	3	3	3						2				3	3	3
Average	3	2.8	2.8						2				2.8	2.8	2.4

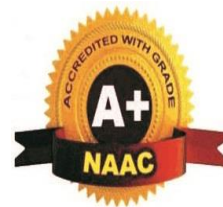


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SUBJECT: Computer Networks Lab (25CS408PC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Implement data link layer framing methods	3
CO2	Analyze error detection and error correction codes.	4
CO3	Implement and analyze routing and congestion issues in network design.	2
CO4	Implement Encoding and Decoding techniques used in presentation layer	3
CO5	Work with different network tools	5

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3			3					2				2	3	2
CO2	2	2		3	2				3				3	3	2
CO3	3	2	2	2	2								2	2	2
CO4	3	3	3	2	3				3				2	2	2
CO5	2	3	2	3	3				3					2	3
Average	2.6	2.5	2.33	2.6	2.5				2.75				2.25	2.4	2.2

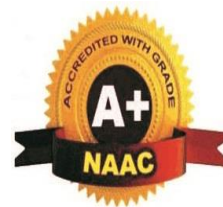


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SUBJECT: Machine Learning Lab(25ML409PC)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Understand modern notions in predictive data analysis.	2
CO2	Select data, model selection, model complexity and identify the trends.	3
CO3	Understand a range of machine learning algorithms along with their strengths and weaknesses.	2
CO4	Build predictive models from data and analyze their performance.	6
CO5	Performance analysis of Classification Algorithms on a specific dataset.	4

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3		2				2	2	2	2		2	2
CO2	3	3	3		2				2	2	2	2		3	2
CO3	3	3	3		3				3	3	2	3		3	2
CO4	3	3	3		3				3	3	3	3		3	2
CO5	2	2	2		2				3	3	3	2		2	3
Average	2.8	2.8	2.8		2.4				2.6	2.6	2.4	2.4		2.6	2.2

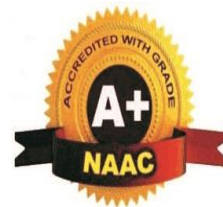


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SUBJECT: Data Visualization - R Programming/ Power Bi(25DS410SD)

At the end of the course, the student will be able to

S.No.	COURSE OUTCOMES	BT Level
CO1	Understand How to import data into Tableau.	1
CO2	Understand Tableau concepts of Dimensions and Measures.	2
CO3	Develop Programs and understand how to map Visual Layouts and Graphical Properties.	3
CO4	Create a Dashboard that links multiple visualizations.	5
CO5	Use graphical user interfaces to create Frames for providing solutions to real world problems.	4

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	2			3		2	2	3	3	2
CO2	3	3	3	3	2	2			2		3	2	3	3	2
CO3	3	3	3	3	2	2			2		3	3	3	3	2
CO4	3	3	3	3	3	2			2		2	3	3	3	2
CO5	3	3	3	3	3	3			3		2	3	3	3	3
Average	3	3	2.8	2.8	2.4	2.2			2.4		2.4	2.6	3	3	2.2