



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[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



COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

R22 - IV B.Tech II Semester : Course Outcomes & CO-PO/PSO Mapping

DS801PC: ORGANIZATIONAL BEHAVIOUR

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Understand the definitions, nature, scope and models of organizational behaviour.	2
CO2	Analyze individual behaviour aspects such as personality, perception and motivation, and their influence on work behavior.	4
CO3	Demonstrate an understanding of group behaviour, group dynamics, decision making and team building techniques in organizations.	3
CO4	Evaluate leadership styles, theories and sources of power and politics in organizations.	5
CO5	Analyze organizational culture, climate, change and stress management to enhance organizational effectiveness.	4

MAPPING

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



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DS862PE: WEB SECURITY

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Understand the Web architecture and applications.	2
CO2	Understand client side and server side programming.	2
CO3	Understand how common mistakes can be bypassed and exploit the application.	4
CO4	Identify common application vulnerabilities.	3

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	2	2						2		3	2	
CO2	3	2	2	2	2						2		3	2	2
CO3	3	3	3	2	2						3		3	3	2
CO4	3	2	3	2	2						2		3	3	2
Average	3	2.3	2.5	2	2						2.3		3	2.5	2



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DS864PE: BLOCKCHAIN TECHNOLOGY

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Understand concepts behind crypto currency.	2
CO2	Apply smart contracts in decentralized application development.	3
CO3	Understand frameworks related to public, private and hybrid block chain.	2
CO4	Create block chain solutions for different application case studies.	6

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	2	2						2		3	2	
CO2	3	3	3	2	2						2		3	3	2
CO3	3	2	2	2	2						2		3	2	
CO4	3	3	3	3	2						3		3	3	2
Average	3	2.5	2.5	2.3	2						2.3		3	2.5	2



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DS832OE: DATA VISUALIZATION USING PYTHON

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Perform data wrangling.	3
CO2	Explain principles of visual perception.	2
CO3	Apply core skills for visual analysis.	3
CO4	Apply visualization techniques for various data analysis tasks.	3
CO5	Evaluate visualization techniques.	5

MAPPING

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



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DS831OE: INTRODUCTION TO SOCIAL MEDIA MINING

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Understand social media and its data.	2
CO2	Apply mining technologies on Twitter, Facebook, LinkedIn and Google.	3
CO3	Learn about community detection and analysis.	2
CO4	Apply various recommendation algorithms.	3
CO5	Analyze the behavior of people.	4

MAPPING

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



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DS865PE: PARALLEL AND DISTRIBUTED COMPUTING

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Explore the methodologies adopted for parallel and distributed environments.	2
CO2	Analyze the networking aspects of distributed and parallel computing.	4
CO3	Explore the different performance issues and tasks in parallel and distributed computing.	2
CO4	Use tools for parallel and distributed computing.	3
CO5	Understand high performance computing techniques.	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		3	2	
CO2	3	3	2	2	2						3		3	3	2
CO3	3	2	2	2	2						2		3	2	
CO4	3	2	3	2	2						2		3	2	2
CO5	3	2	2	2	2						2		3	2	
Average	3	2.2	2.2	2	2						2.2		3	2.2	2



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DS863PE: VIDEO ANALYTICS

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

CO. No	COURSE OUTCOMES	BT Level
CO1	Understand the basics of video signals and systems.	2
CO2	Estimate motion in a video.	3
CO3	Detect the objects and track them.	3
CO4	Recognize activity and analyze behavior.	4
CO5	Evaluate face recognition technologies.	5

MAPPING

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