

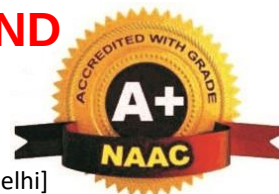


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

VR24 – IV B.Tech II Semester : Course Outcomes & CO-PO/PSO Mapping

MS801BS: ORGANIZATIONAL BEHAVIOUR

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
MS801BS.1	Understand the basic concepts, models, and importance of Organizational Behaviour.	2
MS801BS.2	Identify and explain individual behaviour factors such as personality, perception, attitudes, emotions, and motivation.	2
MS801BS.3	Understand group behaviour, group dynamics, communication, and team building in organizations.	2
MS801BS.4	Explain leadership styles, leadership theories, and sources of power in organizations.	2
MS801BS.5	Understand organizational culture, change, stress, and their impact on organizational effectiveness.	2

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
MS801BS.1	-	-	-	-	-	2	-	1	-	1	2	-	-	-
MS801BS.2	-	1	-	-	-	2	-	1	-	1	2	-	-	-
MS801BS.3	-	1	-	-	-	2	-	1	3	2	2	-	-	-
MS801BS.4	-	1	-	-	-	2	-	2	2	2	3	-	-	-
MS801BS.5	-	1	-	-	-	3	-	2	1	1	2	-	-	-
Average	-	1.0	-	-	-	2.2	-	1.4	2.0	1.4	2.2	-	-	-

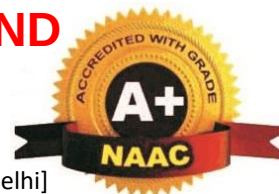


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PROFESSIONAL ELECTIVE – VI

DS861PE: DATA STREAM MINING

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS861PE.1	Understand how to formulate a knowledge extraction problem from data streams.	2
DS861PE.2	Ability to apply methods / algorithms to new data stream analysis problems.	3
DS861PE.3	Evaluate the results and understand the functioning of the methods studied.	5
DS861PE.4	Demonstrate decision tree and adaptive Hoeffding Tree concepts.	3

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS861PE.1	3	2	1	2	2	-	-	-	-	-	-	3	2	2
DS861PE.2	3	3	3	2	3	-	-	-	-	-	-	3	3	3
DS861PE.3	2	3	2	3	3	-	-	-	-	-	-	3	3	2
DS861PE.4	3	3	3	2	3	-	-	-	-	-	-	3	3	3
DS861PE.5	2	3	2	3	3	-	-	-	-	-	-	3	3	3
Average	2.6	2.8	2.2	2.4	2.8	-	-	-	-	-	-	3.0	2.8	2.6

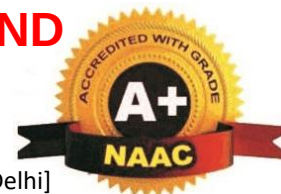


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PROFESSIONAL ELECTIVE –VI

DS862PE: WEB SECURITY

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS862PE.1	Understand web architecture, web security issues, risk analysis, and cryptographic fundamentals.	2
DS862PE.2	Understand client-side and server-side security mechanisms and privacy-protection techniques.	2
DS862PE.3	Identify common web application mistakes and explain how they can be exploited.	4
DS862PE.4	Apply database security techniques including access control, trust management, and data warehouse security.	3
DS862PE.5	Analyze advanced and emerging trends in web and database security and privacy.	4

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS862PE.1	3	2	1	1	2	-	-	2	-	-	-	3	2	2
DS862PE.2	3	2	2	2	2	-	-	2	-	-	-	3	3	2
DS862PE.3	2	3	2	3	2	-	-	2	-	-	-	3	3	2
DS862PE.4	2	3	3	2	3	-	-	2	-	-	-	3	3	3
DS862PE.5	2	3	2	3	3	-	-	3	-	-	-	3	3	3
Average	2.4	2.6	2.0	2.2	2.4	-	-	2.2	-	-	-	3.0	2.8	2.4

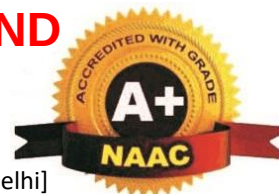


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PROFESSIONAL ELECTIVE –VI

DS863PE: VIDEO ANALYTICS

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS863PE.1	Understand the basics of video- signals and systems.	2
DS863PE.2	Estimate motion in a video	3
DS863PE.3	Detect the objects and track them	3
DS863PE.4	Recognize activity and analyze behavior	4
DS863PE.5	Evaluate face recognition technologies	5

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS863PE.1	3	2	1	1	2	-	-	-	-	-	-	3	2	2
DS863PE.2	3	3	2	2	3	-	-	-	-	-	-	3	3	2
DS863PE.3	3	3	3	2	3	-	-	-	-	-	-	3	3	3
DS863PE.4	2	3	2	3	3	-	-	-	-	-	-	3	3	3
DS863PE.5	2	3	2	3	3	-	-	1	-	-	-	3	3	3
Average	2.6	2.8	2.0	2.2	2.8	-	-	1.0	-	-	-	3.0	2.8	2.6

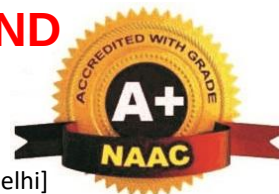


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PROFESSIONAL ELECTIVE –VI

DS864PE: BLOCKCHAIN TECHNOLOGY

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS864PE.1	Understand blockchain fundamentals and cryptocurrency concepts.	2
DS864PE.2	Apply smart contracts in decentralized applications.	3
DS864PE.3	Differentiate public, private, and consortium blockchain frameworks.	4
DS864PE.4	Analyze security, privacy, and scalability issues in blockchain systems.	4
DS864PE.5	Develop blockchain applications using Python and Hyperledger Fabric.	6

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS864PE.1	3	2	1	1	2	-	-	-	-	-	-	3	2	2
DS864PE.2	3	3	3	2	3	-	-	-	-	-	-	3	3	3
DS864PE.3	3	3	2	2	3	-	-	-	-	-	-	3	3	2
DS864PE.4	2	3	2	3	3	-	-	2	-	-	-	3	3	3
DS864PE.5	3	3	3	3	3	-	-	1	-	-	-	3	3	3
Average	2.8	2.8	2.2	2.2	2.8	-	-	1.5	-	-	-	3.0	2.8	2.6

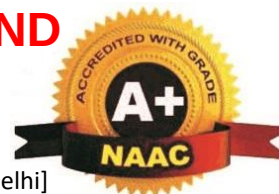


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PROFESSIONAL ELECTIVE –VI

DS865PE: PARALLEL AND DISTRIBUTED COMPUTING

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS865PE.1	Explore the methodologies adopted for parallel and distributed environments	2
DS865PE.2	Analyze the networking aspects of Distributed and Parallel Computing.	4
DS865PE.3	Tools usage for parallel and distributed computing.	3
DS865PE.4	Explore the different performance issues and tasks in parallel and distributed computing	4
DS865PE.5	Understand high performance computing techniques.	2

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS865PE.1	3	2	1	1	2	-	-	-	-	-	-	3	2	2
DS865PE.2	3	3	2	3	2	-	-	-	-	-	-	3	3	2
DS865PE.3	2	2	2	2	3	-	-	-	-	-	-	3	3	2
DS865PE.4	2	3	2	3	3	-	-	-	-	-	-	3	3	3
DS865PE.5	3	3	2	2	3	-	-	-	-	-	-	3	3	3
Average	2.6	2.6	1.8	2.2	2.6	-	-	-	-	-	-	3.0	2.8	2.4

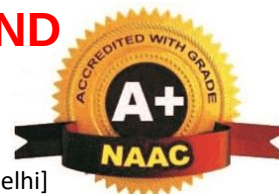


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Open Elective –III

DS831OE: INTRODUCTION TO SOCIAL MEDIA MINING

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS831OE.1	Understand social media and its data.	2
DS831OE.2	Apply mining technologies on twitter, Facebook, LinkedIn and Google.	3
DS831OE.3	Learn about community	2
DS831OE.4	Apply various Recommendation Algorithms	3
DS831OE.5	Analyze the Behavior of people.	4

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS722OE.1	3	2	1	2	2	2	-	-	-	-	-	2	3	2
DS722OE.2	3	3	2	3	3	2	-	-	-	-	-	2	3	3
DS722OE.3	2	2	1	2	2	2	-	-	2	-	-	2	2	2
DS722OE.4	3	3	2	2	3	1	-	-	-	-	-	2	3	3
DS722OE.5	2	3	1	3	2	2	-	-	2	-	-	2	3	2
Average	2.6	2.6	1.4	2.4	2.4	1.8	-	-	1.3	-	-	2.0	2.8	2.4

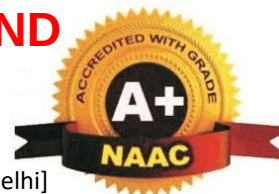


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Open Elective –III

DS832OE: DATA VISUALIZATION USING PYTHON

COURSE OUTCOME:

CO.No.	COURSE OUTCOMES	BT Level
DS832OE.1	Perform data wrangling	3
DS832OE.2	Explain principles of visual perception	2
DS832OE.3	Apply core skills for visual analysis	3
DS832OE.4	Apply visualization techniques for various data analysis tasks	3
DS832OE.5	Evaluate visualization techniques	5

MAPPING:

CO.No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
DS722OE.1	3	2	1	2	3	-	-	-	-	-	-	2	3	2
DS722OE.2	3	2	1	2	2	-	-	-	-	-	-	2	2	2
DS722OE.3	3	3	2	3	3	-	-	-	-	-	-	2	3	3
DS722OE.4	3	3	2	3	3	-	-	-	-	-	-	2	3	3
DS722OE.5	2	3	2	3	2	-	-	-	-	-	-	2	3	2
Average	2.8	2.6	1.6	2.6	2.6	-	-	-	-	-	-	2.0	2.8	2.4