



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Program wise Curriculum Analysis of (R16)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
D22	M.Tech- Information Technology	9	0	4	25	52

AK
Coordinator

Chait
HOD

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University College of Engineering
JNT University, Kakinada - 533 003

Sudesh
REGISTRAR

j.N.T. University Kakinada
Kakinada-533003



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis (R16))

Program Code: D22

Program Name: M.Tech - Information Technology

Year: 1

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R16MIT101	ADVANCED DATA STRUCTURES AND ALGORITHM ANALYSIS	YES		
R16MIT102	ADVANCED GRAPH THEORY			
R16MIT103	PARALLEL ALGORITHMS			
R16MIT104	DATA MINING AND KNOWLEDGE DISCOVERY	YES		
R16MIT105	ADVANCED COMPUTER NETWORKS	YES		
R16MIT106	WEB TECHNOLOGIES	YES		
R16MIT107	IT LAB 1			YES
Total		4	0	1

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Course wise Curriculum Analysis(R16)

Program Code: D22

Program Name: M.Tech - Information Technology

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R16MIT201	ADVANCED UNIX PROGRAMMING	YES		
R16MIT202	APPLIED CRYPTOGRAPHY			
R16MIT203	BIG DATA ANALYTICS	YES		
R16MIT204	CLOUD COMPUTING	YES		
R16MIT205a	ADHOC & SENSOR NETWORKS			
R16MIT205b	SEMANTIC WEBSERVICES			
R16MIT205c	PRINCIPLES OF PROGRAMMING LANGUAGES			
R16MIT205d	INTERNET OF THINGS			
R16MIT206A	MACHINE LEARNING	YES		
R16MIT206B	INFORMATION RETRIEVAL SYSTEM			
R16MIT206C	IMAGE PROCESSING & PATTERN RECOGNITION			
R16MIT206D	SOFTWARE TESTING METHODOLOGIES	YES		
R16MIT207	IT LAB 2			YES
Total		5	0	1

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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R16)

Program Code: D22

Program Name: M.Tech Information Technology

Year: 2

Semester: 3

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R16MIT301	COMPREHENSIVE VIVA			
R16MIT302	SEMINAR-I			YES
R16MIT303	THESIS WORK PART - I			YES
Total				2

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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code: D22

Program Name: M.Tech - Information Technology

Year: 2

Semester: 4

Course code	Course name	Employability (Yes/No)	Entrepreneur ship (Yes/No)	Skill development (Yes/No)
R16MIT401	SEMINAR-II			
R16MIT402	THESIS WORK PART - II			
	TOTAL			


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