

Kakinada-533003, Andhra Pradesh (India)

Program wise Curriculum Analysis of (R19)

Program Name		No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
r	Science and	4	5	8	17	85%
*****		4	5	6	15	75%

NW) Coordinator Director Ho D

Head of the Department
Dept. of Computer Science & a
University College of Engineer
INT University, Kakinada - 533 basks

REGISTRAR

J.N.T. University Kakinada

Kakinada-533003



Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis (R19)

Program Code: D05

Program Name: M.Tech - Computer Science and Engineering

Year: 1

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R19MCS1151	Program Core-1 Mathematical Foundations of Computer Science			
R19MCS1152	Program Core-2 Advanced Data Structures & Algorithms	Yes		-
R19MCS1153	Program Elective-1 1. Big Data Analytics 2. Digital Image Processing 3. Advanced Operating Systems			
R19MCS1154	Program Elective-2 1. Advanced Computer Networks 2. Internet of Things 3. Object Oriented Software Engineering			
R19MCS1155	Research Methodology and IPR		Yes	 -
R19MCS1156	Laboratory-1 Advanced Data Structures & Algorithms Lab			Yes
R19MCS1157	Laboartory-2 Advanced Computing Lab			Yes
R19MCS1158	Audit Course-1 1. English for Research Paper Writing 2. Disaster Management 3. Sanskrit for Technical Knowledge 4. Value Education			
	Total	1	1	2



Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code: D05 Program Name: M.Tech - Computer Science and Engineering

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R19MCS1251	Program Core-3 Machine learning	Yes	Yes	Yes
R19MCS1252	Program Core-4 MEAN Stack Technologies	Yes	yes	Yes
R19MCS1253	Program Elective-3 1. Advanced Databases and Mining 2. Ad Hoc & Sensor Networks 3. Soft Computing			
R19MCS1254	Program Elective-4 1. Cloud Computing 2. Principles of computer security 3. High Performance Computing			
R19MCS1255	Laboratory-3 Machine Learning with python lab			Yes
R19MCS1256	Laboartory-4 MEAN Stack Technologies Lab			Yes
R19MCS1257	Mini Project with Seminar			
R19MCS1258	Audit Course-2 1. Constitution of India 2. Pedagogy Studies 3. Stress Management by Yoga 4. Personality Development through Life Enlightenment Skills			
	Total	2	2	4

Head of the Department
Dept. of Computer Science & Enga
University College of Engineerin
University, Kakanada



Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

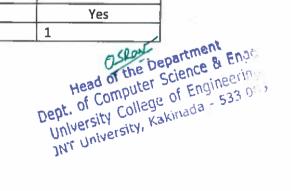
Program Code: D05

Program Name: M.Tech - Computer Science and Engineering

Year: 2

Semester: 3

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R19MCS2351	Program Elective-5	Yes		·
	1. Deep Learning			
	2. Social Network Analysis			
	3. MOOCs-1 (NPTEL/SWAYAM)			
6.50 = (Open Elective		Yes	
R19MCS2352	1. MOOCs-2 (NPTEL/SWAYAM)-Any 12 Week Course on			1
	Engineering/ Management/ Mathematics offered by other than parent department			
	2. Course offered by other departments in the college			
R19MCS2353	Dissertation-I/ Industrial Project		Yes	Yes
	Total	1	2	1





Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code: D05

Program Name: M.Tech - Computer Science and Engineering

Year: 2

Semester: 4

Course code	Course name	Employability (Yes/No)	Entrepreneur ship (Yes/No)	Skill development (Yes/No)
R19MCS2451	Dissertation-II		· ·	Yes
				1

Coordinator

Chairman, Board of Studies
Head of the Dept.
Dept. of Computer Science
University Callering

JNT University