





JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

Program wise Curriculum Analysis of (R20)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
03	B.TECH-ME	8	4	27	68	57
15	M.TECH-MD	5	1	8	20	70
04	M.TECH-CAD/CAM	3	1	8	20	60


Coordinator


HOD/Director
Mechanical Engineering Department
University College of Engineering
J.N.T. University Kakinada
KAKINADA


REGISTRAR
J.N.T. University Kakinada
Kakinada-533003



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R16)

Program Code: 04

Program Name: M.Tech –CAD/CAM

Year: I

Semester: I

Course code	Course name	Employability (Yes/No)	Entrepreneurs hip (Yes/No)	Skill developme nt (Yes/No)
R16CA 101	Industrial Robotics			
R16CA 102	Computer Aided Manufacturing			
R16CA 103	Special Manufacturing Processes			
R16CA 104	Geometric Modeling			
R16CA 1051A	Computational Methods in Engineering			
R16CA 1052B	Mechanical Vibrations			
R16CA 1053C	Nano Technology			
R16CA 1061A	Design for Manufacturing & Assembly	YES		
R16CA 1062B	Mechatronics	YES		
R16CA 1063C	Computer Aided Process Planning	YES		
R16CA 107	Advanced CAD Lab			YES
Total		03		01



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis (R16)

Program Code: 04

Program Name: M.Tech - CAD/CAM

Year: I

Semester: II

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)	
R16CA 201	Modeling&Simulation of Manufacturing Systems	YES			
R16CA 202	Optimization and Reliability				
R16CA 203	Computer Graphics			YES	
R16CA 204	Advanced Finite Element Methods	YES			
R16CA 2051A	Quality Engineering in Manufacturing				
R16CA 2052B	Fracture Mechanics				
R16CA 2053C	Materials Technology	YES			
R16CA 2061A	Mechanics and Manufacturing Methods of Composites				
R16CA 2062B	Concurrent Engineering				
R16CA 2063C	Intelligent Manufacturing Systems				
R16CA 207	Modeling and Analysis of Manufacturing Processes Lab			YES	
		Total	3	0	2



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R16)

Program Code: 04

Program Name: M.Tech -CAD/CAM

Year:II

Semester: I

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R16CA 208	Seminar - I			YES
R16CA 209	comprehensive viva voce			YES
R16CA 210	Project Work - Part I			YES
	Total			03



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis (R16)

Program Code: 04

Program Name: M.Tech -CAD/CAM

Year: II

Semester: II

Course code	Course name	Employability (Yes/No)	Entrepreneur ship (Yes/No)	Skill development (Yes/No)
R16CA 211	Seminar -II			Yes
R16CA 212	Project Work- Part II			Yes
	Total			02