



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

Program wise Curriculum Analysis of (R18)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
92	M.TECH-PDE	3	0	4	27	26

NW
Coordinator

KB
HOD
Professor & Head
Dept. of Elec. & Electronics Engg.
University College of Engg.
J.N.T. University Kakinada
KAKINADA-533 003.

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



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R18)

Program Code: 52

Program Name: M.Tech - POWER ELECTRONICS AND DRIVES

Year: I

Semester: II

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R161201	Switched Mode Power Conversion			
R161202	Power Electronic Control of Electrical Drives-II			
R161203	Microcontrollers and its Applications to Power Electronic Systems			
R161204	Flexible AC Transmission Systems			
R161205A	Renewable Energy Systems			
R161205B	Hybrid and Electric Vehicles			
R161205C	Industrial applications of Power Electronic Systems			
R161206A	Smart Grid Technologies			
R161206B	Advanced Digital Signal Processing			
R161206C	Programmable Logic Controllers & Applications			
R161207	Power Converters & Drives Laboratory			YES
	Total	0		1



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Program Name: M.Tech -POWER ELECTRONICS AND DRIVES

Year:II

Semester: I

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
R162101	Comprehensive Viva-Voce	YES		
R162102	Seminar – I			YES
R162103	Project Work – I	YES		
Total		02		01



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Course wise Curriculum Analysis(R18)

Program Code: 52

Program Name: M.Tech -POWER ELECTRONICS AND DRIVES

Semester: II

Course code	Course name	Employability (Yes/No)	Entrepreneur ship (Yes/No)	Skill development (Yes/No)
R162201	Seminar – II	YES		
R162202	Project Work – II			YES
	TOTAL	01		01