



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

**Program wise Curriculum Analysis of (R19)**

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
1D34	M.Tech – AEPS	6	2	8	20	80
1D08	M.Tech – High voltage engineering	7	3	5	20	75
1D52	M.Tech – PE&D	7	2	5	20	70

*Nhp*  
Coordinator

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

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



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

## Course wise Curriculum Analysis(R19)

Program Code: 1D52

Program Name: M.Tech - PED

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PC	Switched Mode Power Conversion	Yes		
PC	Power Electronic Control of Electrical Drives			
PE	Elective – III i. Energy Auditing, Conservation and Management ii. Hybrid Electric Vehicles iii. Advanced Digital Control Systems			
PE	Elective – IV i. Advanced Digital Signal Processing ii. Evolutionary Algorithms and Applications iii. Microcontrollers	Yes		
	Electric Drives Simulation Laboratory			Yes
	Electric Drives Laboratory			Yes
	Mini Project with Seminar	yes		
	Audit Course – 2			
	<b>Total</b>	<b>3</b>		<b>2</b>



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Kakinada-533003, Andhra Pradesh (India)

### Course wise Curriculum Analysis(R19)

Program Code: 1D52

Program Name: M.Tech - PED

Year: 2

Semester: 3

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PE	Program Elective - 5	Yes		
	Open Elective		Yes	
	Dissertation Phase - I (to be continued and evaluated next semester)			Yes
<b>Total</b>		<b>1</b>	<b>1</b>	<b>1</b>



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Kakinada-533003, Andhra Pradesh (India)

### Course wise Curriculum Analysis(R19)

Program Code: 1D52

Program Name: M.Tech - PED

Year: 2

Semester: 4

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
	Dissertation Phase-II (continued from III semester)			Yes

  
Coordinator

Chairman, Board of Studies




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