



Scheme for First Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester I (Autonomous)
 (Academic Year 2024-2025)

Sr	Course Code	Course	Teaching Scheme				End Semester Examination					Continuous Assessment			Aggregate (A+B)	Credits earned	
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	ESE Total (A)	Term Test	Term Work			CA Total (B)
1	DJS24PECPC11	Statistical Signal Processing	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPC11	Statistical Signal Processing Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
2	DJS24PECPC12	Microstrip Antenna Design	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPC12	Microstrip Antenna Design Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
3	DJS24PECPE11	Advanced VLSI Design	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE11	Advanced VLSI Design Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE12	Error Correcting Codes	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE12	Error Correcting Codes Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE13	Next Generation Networks	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE13	Next Generation Networks Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE14	Advanced Image & Video Processing	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE14	Advanced Image & Video Processing Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE15	Embedded Systems	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE15	Embedded Systems Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
4	DJS24PECPE16	Optical Networks	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE16	Optical Networks Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
4	DJS24PELVS11	Mini Project-I	--	4	--	2	--	--	50	--	--	50	--	50	50	100	2
5#	DJS24POCOE11	Data Analytics	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE12	Intellectual Property & Patenting	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE13	Cyber Security and Laws	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE14	Agile Frameworks	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE15	Design of Experiments	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE16	Operations Research	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
		Total	12	10	--	17	--	240	125	--	--	365	160	125	285	650	17

@ Any 1 Department Level Elective
 # Any 1 Institute Level Elective

Prepared by

Checked by

Head of Dept

Vice Principa Principal



Scheme for First Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester II (Autonomous)
 (Academic Year 2024-2025)

Sr	Course Code	Course	Teaching Scheme				End Semester Examination					Continuous Assessment			Aggregate (A+B)	Credits earned	
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	ESE Total (A)	Term Test	Term Work			CA Total (B)
1	DJS24PECPC21	RF and Microwave Engineering	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPC21	RF and Microwave Engineering Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
2	DJS24PECPC22	Advanced Wireless Communication Networks	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPC22	Advanced Wireless Communication Networks Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
3@	DJS24PECPE21	Wavelets	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE21	Wavelets Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE22	IOT & Sensor Networks	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE22	IOT & Sensor Networks Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE23	Network and Cyber Security	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE23	Network and Cyber Security Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE24	Advanced Signal Analysis and Processing	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE24	Advanced Signal Analysis and Processing Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
	DJS24PECPE25	Millimeter Wave Communication	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE25	Millimeter Wave Communication Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
4	DJS24PECPE26	Remote Sensing Concepts	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24PELPE26	Remote Sensing Concepts Laboratory	--	2	--	1	--	--	25	--	--	25	--	25	25	50	1
4	DJS24PELVS21	Mini Project-II	--	4	--	2	--	--	50	--	--	50	--	50	50	100	1
5#	DJS24POCOE21	Machine Learning	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE22	Renewable Energy	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE23	Digital Marketing	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE24	Project Management	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE25	Research Methodology	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
	DJS24POCOE26	Product Life Cycle Management	3	--	--	3	2	60	--	--	--	60	40	--	40	100	3
		Total	12	10	--	17	--	240	125	--	--	365	160	125	285	650	17

@ Any 1 Department Level Elective
 # Any 1 Institute Level Elective

Prepared by

Checked by

Head of Dept

Vice Principal

Principal



**Scheme for Second Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester III (Autonomous)
 (Academic Year 2024-2025)**

Semester III

Sr	Course Code	Course	Teaching Scheme				End Semester Examination					Continuous Assessment			Aggregate (A+B)	Credits earned
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	ESE Total (A)	Term Test (TT)	Term Work Total		
1	DJS24PECVS31	*Skill Development Course	3	--	--	3	--	--	--	--	--	--	50	50	50	3
2	DJS24PELLE32	Internship/On Job Training/Special topic Research Seminar	--	12	--	6	--	--	50	--	--	50	--	50	100	6
3	DJS24PEPEL33	Dissertation Phase I	--	12	--	6	--	--	--	--	--	--	100	100	100	6
Total			3	24	--	15	--	--	50	--	--	50	--	200	200	15

*Skill Development Course specific to the Thesis topic

Prepared by

Checked by

Head of Dept

Principal

Scheme for Second Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester IV (Autonomous) (Academic Year 2024-2025)

Semester IV

Sr	Course Code	Course	Teaching Scheme				End Semester Examination					Continuous Assessment			Aggregate (A+B)	Credits earned	
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	ESE Total (A)	Term Test (TT)	Term Work Total			CA Total (B)
1	DJS24PEPEL41	Dissertation Phase II	--	30	--	15	--	--	100	--	--	100	--	100	100	200	15
Total			--	30	--	15	--	--	100	--	--	100	--	100	100	200	15

Prepared by

Checked by

Head of Dept

Principal