



Scheme for First Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester I (Autonomous)  
 (Academic Year 2022-2023)

Semester I

Sr	Course Code	Course	Teaching Scheme				Semester End Examination						Continuous Assessment						Aggregate (A+B)	Credits earned		
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	SEE Total (A)	Term Test 1 (TT1)	Term Test 2 (TT2)	Avg (TT1 & TT2)	Termwork						
																Laboratory Work	Tutorial / Mini project / Presentation / Journal	Term Work Total				CA Total (B)
1	DJS22EPGC101	Statistical Signal Processing	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	4
	DJS22EPGL101	Statistical Signal Processing Laboratory	--	2	--	1	--	--	--	--	25	25	--	--	--	15	10	25	25	50	1	
2	DJS22EPGC102	Microstrip Antenna Design	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	4
	DJS22EPGL102	Microstrip Antenna Design Laboratory	--	2	--	1	--	--	--	--	25	25	--	--	--	15	10	25	25	50	1	
3	DJS22EPGL103	Skill Based Laboratory-I	--	2	--	1	--	--	--	--	25	25	--	--	--	15	10	25	25	50	1	1
4	DJS22EPGC111	Advanced VLSI Design	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3
	DJS22EPGC112	Error Correcting Codes	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22EPGC113	Next Generation Networks	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
5	DJS22EPGC121	Advanced Image & Video Processing	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3
	DJS22EPGC122	Embedded Systems for Robotics	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22EPGC123	Optical Networks	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
6#	DJS22OPGC131	Data Analytics	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3
	DJS22OPGC132	Journey from Intellectual Property to Patenting	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22OPGC133	Cyber Security and Laws	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22OPGC134	Agile Frameworks	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22OPGC135	Design of Experiments	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
	DJS22OPGC136	Operations Research	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	
		Total	15	6	0	18	--	375	0	0	75	450	125	125	125	45	30	75	200	650		.

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

Prepared by

Checked by

Head of Dept

Vice Principal

Principal



Scheme for First Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester I (Autonomous)  
 (Academic Year 2022-2023)

Semester II

Sr	Course Code	Course	Teaching Scheme				Semester End Examination						Continuous Assessment						Aggregate (A+B)	Credits earned			
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	SEE Total (A)	Term Test 1 (TT1)	Term Test 2 (TT2)	Avg (TT1 & TT2)	Termwork						CA Total (B)	
																Laboratory Work	Tutorial / Mini project / Presentation / Journal	Term Work Total					CA
1	DJS22EPC201	RF and Microwave Engineering	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	4	
	DJS22EPL201	RF and Microwave Engineering Laboratory	--	2	--	1	--	--	--	25	25	--	--	--	15	10	25	25	50	1			
2	DJS22EPC202	Advanced Wireless Communication Networks	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	4	
	DJS22EPL202	Advanced Wireless Communication Networks Laboratory	--	2	--	1	--	--	--	25	25	--	--	--	15	10	25	25	50	1			
3	DJS22EPL203	Skill Based Laboratory-II	--	2	--	1	--	--	--	25	25	--	--	--	15	10	25	25	50	1	1		
4	DJS22EPC211	Wavelets	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3	
	DJS22EPC212	IOT & Sensor Networks	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22EPC213	Network and Cyber Security	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
5	DJS22EPC221	Advanced Signal Analysis and Processing	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3	
	DJS22EPC222	Millimeter Wave Communication	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22EPC223	Remote Sensing Concepts	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
6#	DJS22OPGC231	Machine Learning	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3	3	
	DJS22OPGC232	Renewable Energy	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22OPGC233	Digital Marketing	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22OPGC234	Project Management	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22OPGC235	Research Methodology	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
	DJS22OPGC236	Product Life Cycle Management	3	--	--	3	3	75	--	--	--	75	25	25	25	--	--	--	25	100	3		
		Total	15	6	0	18	15	375	0	0	75	450	125	125	125	45	30	75	200	650	.		

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 # Any 1 Institute Level Elective

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Scheme for Second Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester III (Autonomous)  
 (Academic Year 2023-2024)

Semester III

Sr	Course Code	Course	Teaching Scheme				Semester End Examination						Continuous Assessment						Aggregate (A+B)	Credits earned			
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	SEE Total (A)	Term Test 1 (TT1)	Term Test 2 (TT2)	Avg (TT1 & TT2)	Termwork						CA Total (B)	
																Laboratory Work	Tutorial / Mini project/ Presentation	Term Work Total					
1@	DJS22EPGC301	NPTEL Credit Course	04	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	
2	DJS22EPGS302	Special Topic Seminar	--	04	--	2	--	--	50	--	--	50	--	--	--	--	--	50	50	50	100	2	2
3	DJS22EPGD303	Dissertation Phase I	--	22	--	11	--	--	--	--	--	--	--	--	--	--	100	100	100	100	11	11	
		<b>Total</b>	<b>04</b>	<b>26</b>	<b>--</b>	<b>15</b>	<b>--</b>	<b>--</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>200</b>		<b>15</b>	

@ The NPTEL credit course is to be finalised by the student in consultation with the project guide/supervisor

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Scheme for Second Year M. Tech. Program in Electronics & Telecommunication Engineering: Semester IV (Autonomous)  
 (Academic Year 2023-2024)

Semester IV

Sr	Course Code	Course	Teaching Scheme				Semester End Examination						Continuous Assessment					Aggregate (A+B)	Credits earned			
			Theory (hrs.)	Practical (hrs.)	Tutorial (hrs.)	Credits	Duration (Hrs)	Theory	Oral	Pract	Oral & Pract	SEE Total (A)	Term Test 1 (TT1)	Term Test 2 (TT2)	Avg (TT1 & TT2)	Termwork					CA Total (B)	
																Laboratory Work	Presentation/Publication					Term Work Total
1	DJS22EPGD401	Dissertation Phase II	--	30	--	15	--	--	100	--	--	100	--	--	--	50	50	100	100	200	15	15
		<b>Total</b>	--	<b>30</b>	--	<b>15</b>	--	--	<b>100</b>	--	--	<b>100</b>	--	--	--	<b>50</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>200</b>		<b>15</b>

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