

Program Name: Master of Technology in Electronics and Communication Engineering
(Signal Processing and Communication)

Program Code: ET214

Semester: I

Effective from Academic Year: 2023-24

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)				Practical (Marks)				Total (Marks)
			L	T	P	Total	SEE		CCE		SEE		CCE		
							Min	Max	Min	Max	Min	Max	Min	Max	
2ET2000101T	Research Methodology and Technical Communication	2	2	-	-	2	-	-	16	40	-	-	-	-	40
2ET2140101T	Digital Modulation and Coding	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET2140101P	Digital Modulation and Coding Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET2140102T	Signal Analysis and Transforms	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET2140102P	Signal Analysis and Transforms Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET2140103T	Advanced Image Processing	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET2140103P	Advanced Image Processing Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
	Elective-I Theory	3	3	-	-	3	24	60	16	40	-	-	-	-	100
	Elective-I Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
	Total	18	14	-	08	22	-	240	-	190	-	100	-	100	640

Elective-I Theory

Elective-I Practical

2ET2140104T	Detection and Estimation Theory	2ET2140104P	Detection and Estimation Theory Practical
2ET2140105T	VLSI Signal Processing	2ET2140105P	VLSI Signal Processing Practical
2ET2140106T	DSP System Design	2ET2140106P	DSP System Design Practical
2ET2140107T	Advanced Wireless Communication	2ET2140107P	Advanced Wireless Communication Practical

Note (If any): Nine hours per week should be utilized for exploration of current research and trends

L: Lecture, **T:** Tutorial, **P:** Practical

SEE: Semester End Evaluation

CCE: Continuous and Comprehensive Evaluation