

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

Semester: II

Program Code: ET214

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	
2ET2140201T	Embedded System Design	4	4	-	-	4	24	60	16	40	-	-	-	-	100
2ET2140201P	Embedded System Design Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET2140202T	Speech and Video Processing	4	4	-	-	4	24	60	16	40	-	-	-	-	100
2ET2140202P	Speech and Video Processing Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
	Elective-II Theory	3	3	-	-	3	24	60	16	40	-	-	-	-	100
	Elective-II Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
	Elective-III Theory	3	3	-	-	3	24	60	16	40	-	-	-	-	100
	Elective-III Practical	1	-	-	2	2	-	-	-	-	10	25	10	25	50
	Total	18	12	-	08	22									600

Elective-II Theory

Elective-II Practical

2ET2140203T	Pattern Recognition and Machine Learning	2ET2140203P	Pattern Recognition and Machine Learning Practical
2ET2140204T	Bio-medical Signal Processing	2ET2140204P	Bio-medical Signal Processing Practical
2ET2140205T	Ultra-Wideband Communication Systems	2ET2140205P	Ultra-Wideband Communication Systems Practical
2ET2140206T	Adhoc and Wireless Sensor Networks	2ET2140206P	Adhoc and Wireless Sensor Networks Practical

Elective-III Theory

Elective-III Practical

2ET2140207T	RF System Design for Wireless Communication	2ET2140207P	RF System Design for Wireless Communication Practical
2ET2140208T	Radar Signal Processing	2ET2140208P	Radar Signal Processing Practical
2ET2140209T	Optical Networks and Photonic Switching	2ET2140209P	Optical Networks and Photonic Switching 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