

M. Tech Curriculum
Signal Processing and Communication
 From Academic Year 2018-19

Semester - I

S.No	Course No	Course Name	L-T-P-C
1.	EE5103	Machine Learning for Image Processing	3-0-0-3
2.	EE5111	Advanced Signal Analysis and Processing	3-0-0-3
3.	E1	Elective 1	3-0-0-3
4.	EE5191	Advanced Signal Processing Lab	0-0-3-2
5.	EE5193	Image Processing Lab	0-0-3-2
6.	MA5105	Linear Algebra and Probability Theory	3-1-0-4
Total			17

Semester – II

S.No	Course No	Course Name	L-T-P-C
1.	EE5202	Advanced Communication	3-0-0-3
2.	EE5204	Adaptive and Statistical Signal Processing	3-0-0-3
3.	EE5113	Computer Vision	3-0-0-3
4.	E2	Elective 2	3-0-0-3
5.	EE5292	Advanced Communication Lab	0-0-3-2
6.	EE5294	Computer Vision Lab	0-0-3-2
Total			17

Semester - III

S.No	Course No	Course Name	L-T-P-C
1.	E3	Elective 3	3-0-0-3
2.	EE6110	Seminar	1-0-0-1
3.	EE6150	Project Phase I	- - - 10
Total			14

Semester - IV

S.No	Course No	Course Name	L-T-P-C
1.	EE6250	Project Phase II	- - -15
Total			15

Total Credits - 62

Electives

EE5022 Wireless Networks
 EE5023 MOS Device Modeling and Characterization
 CS5021 Advance Computer Networks