

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
M. Tech. Curriculum: Signal Processing and Communications
From the Academic Year 2020-21

Semester-I

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE527L	Advanced Signal Analysis and Processing	3-0-0-3	EE5101	12
2.	EE523L	Wireless Communication	3-0-0-3	EE5103	11
3.		Department Elective-1	3-0-0-3	DPE1	
4.	EE527P	Advanced Signal Analysis and Processing Laboratory	0-0-3-2	EE5191	12
5.	EE523P	Wireless Communication Laboratory	0-0-3-2	EE5193	11
6.	MA501L	Linear Algebra for Engineers	2-0-0-2	MA5021	12
7.	MA503L	Probability Theory for Engineers	2-0-0-2	MA5022	12
Total Credits			17		

Semester-II

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE509L	Communication Networks	3-0-0-3	EE5022	5
2.	EE508L	Machine Learning for Image Processing	3-0-0-3	EE5204	4
3.	EE513L	Statistical Signal Processing	3-0-0-3	EE5204	6
4.		Department Elective-2	3-0-0-3	DPE2	
5.	EE509P	Communication Networks Laboratory	0-0-3-2	EE5292	8
6.	EE554P	Image Processing Laboratory	0-0-3-2	EE5193	5
7.		Free Elective	3-0-0-3	FRE	
Total Credits			19		

Semester-III

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE693G	Seminar	- - - 1	EE6110	4
2.	EE691G	Project Phase-I	- - - 10	EE6150	4
Total Credits			11		

Semester-IV

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE692G	Project Phase-II	- - - 15	EE6250	4
Total Credits			15		

Total -62