

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

M. Tech. Curriculum: RF and Microwave Engineering From the Academic Year 2022-23

Semester-I

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE529L	Advanced Microwave Engineering	3-0-0-3	EE5052	16
2.	EE528L	Advanced Engineering Electromagnetics	3-0-0-3	EE5053	16
3.		Departmental Elective 1	3-0-0-3	DPE1	
4.		Departmental Elective 2	3-0-0-3	DPE2	
5.		Free Elective – 1	3-0-0-3	FRE1	
6.	EE558P	Advanced Microwave Laboratory	0-0-3-2	EE5192	21
Total Credits			17		

Semester-II

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE548L	Antenna Theory & Design	3-0-0-3	EE5054	17
2.	EE550L	RF Transceiver Design	3-0-0-3	EE5056	17
3.		Departmental Elective 3	3-0-0-3	DPE3	
4.		Departmental Elective 4	3-0-0-3	DPE4	
5.		Free Elective – 2	3-0-0-3	FRE2	
6.	EE557P	RF CAD & Circuits Laboratory	0-0-3-2	EE5194	21
Total Credits			17		

Semester-III

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	EE694G	Seminar	- - - 2	EE6110	19
2.	EE691G	Project Phase-I	- - - 10	EE6150	4
Total Credits			12		

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 Credits-61

Notes:- Modalities with respect to Seminar will be carried out during summer (immediately after 2nd semester) and its evaluation will be carried out in the beginning of 3rd semester to facilitate the M.Tech. Students who are interested to do their thesis in Germany through DAAD programme.