

**ECE III. B.Tech, I-SEMESTER**

S.No.	Category	Subject code	Name of subject	Credits			Total credits	Hours			Total Hours	Total Marks
				L	T	P		L	T	P		
1	PC	GR15A3042	Antennas and Wave Propagation	3	1		4	3	2		5	100
2	PC	GR15A3041	Digital Communications	3	1		4	3	2		5	100
3	PC	GR15A3043	VLSI Design	2	1		3	2	2		4	100
<b>Open Elective-I</b>												
4	OE		Computer Architecture and Organization(ECE)	3	1		4	3	2		5	100
	OE		CSE									
	OE		IT									
	OE		ME									
	OE		CIV									
OE		EEE										
<b>Professional Elective-I</b>												
5	PE	GR15A3104	Linear Control Systems	3	1		4	3	2		5	100
	PE	GR15A3109	Modelling and Simulation of Communication Systems									
	PE	GR15A2063	Data Base Management Systems									
<b>Labs</b>												
6	PC	GR15A3045	Digital Communications Lab			2	2			4	4	75
7	PC	GR15A3044	VLSI Design Lab			2	2			4	4	75
8	BS	GR15A3100	Advanced English Communication Skills Lab			2	2			4	4	75
<b>Total</b>				14	5	6	25	14	10	12	36	725

**ECE III. B.Tech, II-SEMESTER**

S.No.	Category	Subject code	Name of subject	Credits			Total credits	Hours			Total Hours	Total Marks
				L	T	P		L	T	P		
1	HS	GR15A2104	Managerial Economics and Financial Analysis	2	1		3	2	2		4	100
2	PC	GR15A3048	Microwave Engineering	3	1		4	3	2		5	100
3	PC	GR15A3046	Digital Signal Processing	3	1		4	3	2		5	100
<b>Open Elective-II</b>												
4	OE-II		Principles of Operating Systems(ECE)	3	1		4	3	2		5	100
	OE-II		CSE									
	OE-II		IT									
	OE-II		M.Tech									
	OE-II		CIV									
OE-II		EEE										
<b>Professional Elective-II</b>												
5	PE	GR15A2077	Computer Networks	3	1		4	3	2		5	100
	PE	GR15A3110	Information Theory & Coding									
	PE	GR15A3113	Software Engineering									
<b>Labs</b>												
6	PC	GR15A3049	Digital Signal Processing Lab			2	2			4	4	75
7	PC	GR15A2072	OOP through Java Lab			2	2			4	4	75
8	PC	GR15A3101	Industry Oriented Mini Project Lab			2	2			4	4	75
<b>Total</b>				14	5	6	25	14	10	12	36	725