

ECE IV. 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	HS	GR15A3102	Management Science	3	1		4	3	2		5	100
2	PC	GR15A4060	Cellular and Mobile and Communications	2	1		3	2	2		4	100
3	PC	GR15A3070	Embedded Systems design	3	1		4	3	2		5	100
Open Elective-III												
4	OE III		Principles of Satellite Communications	3	1		4	3	2		5	100
	OE III		CSE									
	OE III		IT									
	OE III		ME									
	OE III		CIV									
OE III		EEE										
Professional Elective-III												
5	PE	GR15A4059	Electronic Measurements and Instrumentation	3	1		4	3	2		5	100
	PE	GR15A4072	Digital Signal Processors and Architectures									
	PE	GR15A4150	Modern Control Systems									
Labs												
6	PC	GR15A4066	Microwave Engineering Lab			2				4	4	75
7	PC	GR15A4068	Embedded Systems Design Lab			2				4	4	75
8	PC	GR15A4067	Communication Protocols Lab			2				4	4	75
Total				14	5	6	25	14	10	12	36	725

ECE IV. 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	PC	GR15A4069	Digital Image Processing	2	1		3	2	2		4	100
Professional Elective-IV												
2	PE	GR15A4070	Radar Systems	3	1		4	3	2		5	100
	PE	GR15A4061	Optical Communications									
	PE	GR15A4063	Wireless Communication Networks									
Professional Elective-V												
3	PE	GR15A4151	Principles of Cloud Computing	3	1		4	3	2		5	100
	PE	GR15A4152	Audio and Video Engineering									
	PE	GR15A4153	Radio Navigational Aids									
Lab & Others												
4	PC	GR15A4076	Digital Image Processing Lab			2	2			4	4	75
5	SPW	GR15A4143	Seminar			1	1			2	2	100
6	SPW	GR15A4142	Comprehensive Viva			1	1			2	2	100
7	SPW	GR15A4144	Major Project			10	10			14	14	200
Total				8	3	14	25	8	6	22	36	775