

ECE II. 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	GR15A2047	Electrical Circuits	2	1		3	2	2		4	100
2	PC	GR15A2048	Electronic Circuit Analysis	3	1		4	3	2		5	100
3	PC	GR15A2049	Signals and Systems	3	1		4	3	2		5	100
4	PC	GR15A2050	Probability Theory and Stochastic Processes	3	1		4	3	2		5	100
5	PC	GR15A2043	Digital Electronics	3	1		4	3	2		5	100
6	PC	GR15A2051	Electronics Circuits Analysis Lab			2	2			4	4	75
7	PC	GR15A2052	Signals and Systems Lab			2	2			4	4	75
8	PC	GR15A2053	Digital Electronics Lab			2	2			4	4	75
Total				14	5	6	25	16	12	12	36	725
	MC	GR15A2002	Value Education and Ethics					2	2		4	100
	MC	GR15A2106	Gender Sensitization Lab			2		2	2		2	75

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				L	T	P		L	T	P		
1	PC	GR15A2054	Electromagnetic Theory and Transmission Lines	3	1		4	3	2		5	100
2	PC	GR15A2055	Microcontrollers	3	1		4	3	2		5	100
3	PC	GR15A2056	Analog Communications	3	1		4	3	2		5	100
4	PC	GR15A2057	Analog Electronics	3	1		4	3	2		5	100
5	PC	GR15A2058	Special functions and Complex variables	2	1		3	2	2		4	100
6	PC	GR15A2059	Microcontrollers Lab			2	2			4	4	75
7	PC	GR15A2060	Analog Communications Lab			2	2			4	4	75
8	PC	GR15A2061	Analog Electronics Lab			2	2			4	4	75
Total				14	5	6	25	16	12	12	36	725
	MC	GR15A2001	Environmental Science			2		2	2		2	100