Prog.	S.No.	Sem.	Course Title	Course Code	Type	L	T	P	Credits	Compulsory/ Elective
ECPG	1	1	Probability, Random variables and Stochastic Processes	1EC601	TH	3	0	0	3	Compulsory
ECPG	2	1	Data Communication and Networks	1EC602	TH	3	0	0	3	Compulsory
ECPG	3	1	Specialization Elective-I	1EC6XX	TH	3	0	0	3	Elective
ECPG	4	1	Specialization Elective-II	1EC6XX	TH	3	0	0	3	Elective
	5	1	Specialization Elective-III	1EC6XX	TH	3	0	0	3	Elective
ECPG	6	1	Advanced Electronics Lab -I	1EC603	PT	0	0	6	4	Compulsory
ECPG	7	2	Mobile Communication System	2EC604	TH	3	0	0	3	Compulsory
ECPG	8	2	Specialization Elective-IV	2EC6XX	TH	3	0	0	3	Elective
ECPG	9	2	Specialization Elective-V	2EC6XX	TH	3	0	0	3	Elective
ECPG	10	2	Specialization Elective-VI	2EC6XX	TH	3	0	0	3	Elective
	11		Specialization Elective-VII	2EC6XX	TH	3	0	0	3	Elective
ECPG	12	2	Advanced Electronics Lab-II	2EC605	PT	0	0	6	4	Compulsory
ECPG	13	2	Seminar	2EC691	PT	0	0	3	2	Compulsory
ECPG	12	3	Seminar & Comprehensive Viva	3EC692	PT	0	0	3	2	Compulsory
ECPG	13	3	Dissertation (To continue in 4th Semester)	3EC693	PT	0	0	16	8	Compulsory
ECPG	14	4	Seminar & Comprehensive Viva	4EC694	PT	0	0	3	2	Compulsory
ECPG	15	4	Dissertation	4EC695	PT	0	0	20	10	Compulsory
			List of Electives							Elective (PG
	1		Coding Theory Techniques	EC621	TH	3	0	0	3	Elective (PG
	2		Soft Computing Techniques	EC622	TH	3	0	0	3	Elective (PG
	3		Computer Networks	EC623	TH	3	0	0	3	Elective (PG
	4		Microcontroller and Embedded System	EC624	TH	3	0	0	3	Elective (PG
	5		Remote Sensing	EC625	TH	3	0	0	3	Elective (PG
	6		DSP architecture and Applications	EC626	TH	3	0	0	3	Elective (PG
	7		Image Processing and Applications	EC627	TH	3	0	0	3	Elective (PG
	8		Adaptive Signal Processing and Applications	EC628	TH	3	0	0	3	Elective (PG
	9		Speech Processing and Applications	EC629	TH	3	0	0	3	Elective (PG
	10		Pattern Recognition	EC630	TH	3	0	0	3	Elective (PG
	10		EMI& EMC	EC631	TH	3	0	0	3	Elective (PG
	11		Advanced Antenna Engineering	EC632	TH	3	0	0	3	Elective (PG
	12		Microwave Circuits & Systems	EC633	TH	3	0	0	3	Elective (PG
	13		Satellite Communication	EC634	TH	3	0	0	3	Elective (PG
	14		Smart Antenna	EC635	TH	3	0	0	3	Elective (PG
	15		Data Compression	EC636	TH	3	0	0	3	Elective (PG
	16		Detection & Estimation Theory	EC637	TH	3	0	0	3	Elective (PG
	17		Nano Electronics	EC638	TH	3	0	0	3	Elective (PG
	18		Wireless Sensor Network	EC640	TH	3	0	0	3	Elective (PG
	19		Telecommunication Switching & Networks	EC641	TH	3	0	0	3	Elective (PG
	20		Fiber Optic Sensors	EC642	TH	3	0	0	3	Elective (PG
	21		Optical Networks	EC643	TH	3	0	0	3	Elective (PG
	22		Optoelectronics Devices and systems	EC644	TH	3	0	0	3	Elective (PG

23		Broadband Network	EC645	TH	3	0	0	3	Elective (PG
24		Digital Telephony	EC646	TH	3	0	0	3	Elective (PG
25		Spread Spectrum Techniques	EC647	TH	3	0	0	3	Elective (PG
26		Multimedia Communication	EC648	TH	3	0	0	3	Elective (PG
27		Digital Design and Modelling with HDL	EC649	TH	3	0	0	3	Elective (PG
28		Robotics	EC650	TH	3	0	0	3	Elective (PG