

Master of Electronics & Communication (ECPG) Communication System-DD

Prog.	S.No.	Sem.	Course Title	Course Code	Type	L	T	P	Credits	Compulsory/Elective
ECPG DD	1	1	Probability, Random variables and Stochastic Processes	1EC601	TH	3	0	0	3	Compulsory
ECPG DD	2	1	Data Communication and Networks	1EC602	TH	3	0	0	3	Compulsory
ECPG DD	3	1	Specialization Elective-I	1EC6XX	TH	3	0	0	3	Elective
ECPG DD	4	1	Specialization Elective-II	1EC6XX	TH	3	0	0	3	Elective
ECPG DD	5	1	Specialization Elective-III	1EC6XX	TH	3	0	0	3	Elective
ECPG DD	6	1	Advanced Electronics Lab -I	1EC603	PT	0	0	6	4	Compulsory
ECPG DD										
ECPG DD	7	2	Mobile Communication System	2EC604	TH	3	0	0	3	Compulsory
ECPG DD	8	2	Specialization Elective-IV	2EC6XX	TH	3	0	0	3	Elective
ECPG DD	9	2	Specialization Elective-V	2EC6XX	TH	3	0	0	3	Elective
ECPG DD	10	2	Specialization Elective-VI	2EC6XX	TH	3	0	0	3	Elective
ECPG DD	11		Specialization Elective-VII	2EC6XX	TH	3	0	0	3	Elective
ECPG DD	12	2	Advanced Electronics Lab-II	2EC605	PT	0	0	6	4	Compulsory
ECPG DD	13	2	Seminar	2EC691	PT	0	0	3	2	Compulsory
ECPG DD										
ECPG DD	12	3	Seminar & Comprehensive Viva	3EC692	PT	0	0	3	2	Compulsory
ECPG DD	13	3	Research Methodology	ME 701	TH	3	0	0	3	Compulsory
ECPG DD	14	3	Dissertation (To continue in 4th Semester)	3EC693	PT	0	0	16	8	Compulsory
ECPG DD										
ECPG DD	15	4	Seminar & Comprehensive Viva	4EC694	PT	0	0	3	2	Compulsory
ECPG DD	16	4	Dissertation	4EC695	PT	0	0	20	10	Compulsory
			List of Electives							Elective (PG Comm)
	1		Coding Theory Techniques	EC621	TH	3	0	0	3	Elective (PG Comm)
	2		Soft Computing Techniques	EC622	TH	3	0	0	3	Elective (PG Comm)

3		Computer Networks	EC623	TH	3	0	0	3	Elective (PG Comm)
4		Microcontroller and Embedded System	EC624	TH	3	0	0	3	Elective (PG Comm)
5		Remote Sensing	EC625	TH	3	0	0	3	Elective (PG Comm)
6		DSP Architecture and Application	EC626	TH	3	0	0	3	Elective (PG Comm)
7		Image Processing and Applications	EC627	TH	3	0	0	3	Elective (PG Comm)
8		Adaptive Signal Processing and Applications	EC628	TH	3	0	0	3	Elective (PG Comm)
9		Speech Processing and Applications	EC629	TH	3	0	0	3	Elective (PG Comm)
10		Pattern Recognition	EC630	TH	3	0	0	3	Elective (PG Comm)
10		EMI& EMC	EC631	TH	3	0	0	3	Elective (PG Comm)
11		Advanced Antenna Engineering	EC632	TH	3	0	0	3	Elective (PG Comm)
12		Microwave Circuits & Systems	EC633	TH	3	0	0	3	Elective (PG Comm)
13		Satellite Communication	EC634	TH	3	0	0	3	Elective (PG Comm)
14		Smart Antenna	EC635	TH	3	0	0	3	Elective (PG Comm)
15		Data Compression	EC636	TH	3	0	0	3	Elective (PG Comm)
16		Detection & Estimation Theory	EC637	TH	3	0	0	3	Elective (PG Comm)
17		Nano Electronics	EC638	TH	3	0	0	3	Elective (PG Comm)

18		Wireless Sensor Network	EC640	TH	3	0	0	3	Elective (PG Comm)
19		Telecommunication Switching & Networks	EC641	TH	3	0	0	3	Elective (PG Comm)
20		Fiber optic Sensors	EC642	TH	3	0	0	3	Elective (PG Comm)
21		Optical Networks	EC643	TH	3	0	0	3	Elective (PG Comm)
22		Optoelectronics Devices and Systems	EC644	TH	3	0	0	3	Elective (PG Comm)
23		Broadband Network	EC645	TH	3	0	0	3	Elective (PG Comm)
24		Digital Telephony	EC646	TH	3	0	0	3	Elective (PG Comm)
25		Spread Spectrum -Techniques	EC647	TH	3	0	0	3	Elective (PG Comm)
26		Multimedia Communication	EC648	TH	3	0	0	3	Elective (PG Comm)
27		Digital Design and Modelling with HDL	EC649	TH	3	0	0	3	Elective (PG Comm)
28		Robotics	EC650	TH	3	0	0	3	Elective (PG Comm)