Curriculum Details - EC (WIRELESS TECHNOLOGY)

Semesters	Slots	Courses	Tutorial Hours	Lecture Hours	Practical Hours	Total Hours	Credits
S1	A	ANALYTICAL FOUNDATIONS FOR COMMUNICATION ENGG	0	4	0	4	4.00
	B	WIRELESS COMMUNICATION ENGINEERING	0	4	0	4	4.00
	C	ANTENNA THEORY AND DESIGN	0	4	0	4	4.00
	D	NETWORK ROUTING ALGORITHMS	0	3	0	3	3.00
	E	COMMUNICATION NETWORKS	0	3	0	3	3.00
		DIGITAL COMMUNICATION TECHNIQUES	0	3	0	3	3.00
		OPTICAL NETWORKS	0	3	0	3	3.00
		IMAGE AND VIDEO PROCESSING	0	3	0	3	3.00
	F	RESEARCH METHODOLOGY	2	0	0	2	2.00
	S	SEMINAR I	0	0	2	2	2.00
	U	WIRELESS COMMUNICATION LAB I	0	0	3	3	1.00
S2	A	COMMUNICATION SYSTEM DESIGN	0	4	0	4	4.00
	B	MOBILE CELLULAR	0	3	0	3	3.00

		COMMUNICATION					
	C	SMART ANTENNAS	0	3	0	3	3.00
	D	ADHOC AND SENSOR NETWORKS	0	3	0	3	3.00
		SPECTRAL ANALYSIS AND METHODS	0	3	0	3	3.00
		EMBEDDED SYSTEM DESIGN	0	3	0	3	3.00
		RF CIRCUIT DESIGN	0	3	0	3	3.00
	E	PRINCIPLES OF SECURE COMMUNICATION	0	3	0	3	3.00
		SPEECH AND AUDIO SIGNAL PROCESSING	0	3	0	3	3.00
		EMI/EMC BASED SYSTEM DESIGN	0	3	0	3	3.00
	F	MINI PROJECT	0	0	4	4	2.00
	U	WIRELESS COMMUNICATION LAB	0	0	3	3	1.00
S3	A	ADVANCED COMMUNICATIONS	0	3	0	3	3.00
		LINEAR AND NONLINEAR OPTIMIZATION	0	3	0	3	3.00
		MIMO AND MULTI CARRIER COMMUNICATIONS	0	3	0	3	3.00
		ADAPTIVE SIGNAL PROCESSING	0	3	0	3	3.00

	B	RF MEMS	0	3	0	3	3.00
		CODING THEORY	0	3	0	3	3.00
		MULTI RATE AND MULTI DIMENSIONAL SIGNAL PROCESSING	0	3	0	3	3.00
		ESTIMATION AND DETECTION THEORY	0	3	0	3	3.00
	F1	PROJECT (PHASE 1)	0	0	12	12	6.00
	S	SEMINAR II	0	0	2	2	2.00
S4	E2	Project(Phase II)	0	0	21	21	12.00