

SEMESTER-VII											
Course Code	Type of Co	Course	Course Name	Credits	Hrs./Week			IA	End Term Exam	Total	
					L	T	P				
7ECU01	DC	Theory Subject	Antenna & Wave Propagation	3	3	0		50	100	150	
7ECU02	DC	Theory Subject	Digital Signal Processing	4	3	1		50	100	150	
7ECU03	DC	Theory Subject	Digital Image Processing	4	3	1		50	100	150	
7ECU04	DC	Theory Subject	Wireless Communication	3	3	0		50	100	150	
7ECU05	DC	Theory Subject	VLSI Design	3	3	0		50	100	150	
7ECU06		Elective (any one of the following)									
7ECU06.1	DCx	Theory Subject	Advanced Microprocessors	3	3	0		50	100	150	
7ECU06.2	DCx	Theory Subject	Artificial Intelligence and Expert systems	3	3	0		50	100	150	
7ECU06.3	DCx	Theory Subject	VHDL	3	3	0		50	100	150	
7ECU07	DC	Practical Subject	Signal & Image Processing Lab	2			3	50	25	75	
7ECU08	DC	Practical Subject	Wireless Communication Lab	2			3	50	25	75	
7ECU09	DC	Practical Subject	Practical Training & Industrial Visit	1			2	100	0	100	
7ECU10	DC	Practical Subject	Project-I	2			2	50	0	50	
7ECU11	IC	Extra Curricular & Discipline	Discipline& ExtraCurricularActivity	2				50		50	
				Total	29	18	2	10	600	650	1250
SEMESTER-VIII											
Course Code	Type of Co	Course	Course Name	Credits	Hrs./Week			IA	End Term Exam	Total	
					L	T	P				
8ECU01	DC	Theory Subject	IC Technology	3	3	0		50	100	150	
8ECU02	DC	Theory Subject	Radar & TV Engineering	4	3	1		50	100	150	
8ECU03	DC	Theory Subject	MEMS and Nanotechnology	4	3	1		50	100	150	
8ECU04		Elective (any one of the following)									
8ECU04.1	DCx	Theory Subject	Computer Networks	3	3	0		50	100	150	
8ECU04.2	DCx	Theory Subject	Operating Systems	3	3	0		50	100	150	
8ECU04.3	DCx	Theory Subject	Microcontroller and embeded systems	3	3	0		50	100	150	
8ECU05	DC	Practical Subject	RF Fabrication Lab	2			3	50	25	75	
8ECU06	DC	Practical Subject	Industrial Economics & Management.	1			2	35	15	50	
8ECU07	DC	Practical Subject	VLSI & Optical Fiber Lab	2			3	50	25	75	
8ECU08	DC	Practical Subject	Project -II	6			4	120	80	200	
8ECU09	DC	Practical Subject	Seminar	2			2	60	40	100	
8ECU10	IC	Extra Curricular & Discipline	Discipline& ExtraCurricularActivity	2				50		50	
				Total	29	12	2	14	555	695	1250