ELECTRONICS AND COMMUNICATIONS ENGINEERING

III B.Tech (ECE)								I Semester	
Group	Sub-Code	Name Of Subject	Credits			Total credits	Total Hours	Total Marks	
			L	T	P				
PC	GR15A3042	Antennas and Wave Propagation	3	1		4	5	100	
PC	GR15A3041	Digital Communications	3	1		4	5	100	
PC	GR15A3043	VLSI Design	3	1		4	5	100	
Open Elective 1			2	1		3	4	100	
Professional Elective 1			3	1		4	5	100	
PE	GR15A3104	Linear Control Systems							
PE	GR15A3109	System Modelling and Simulation							
PE	GR15A2063	Database Management Systems							
PC	GR15A3045	Digital Communications Lab			2	2	4	75	
PC	GR15A3044	VLSI Design Lab			2	2	4	75	
PC	GR15A3100	Advanced English Communication Skills Lab			2	2	4	75	
Total			14	5	6	25	36	725	

III B.Tech (ECE)								II Semester	
Group	Sub-Code	Name Of Subject	Credits			Total credits	Total Hours	Total Marks	
			L	T	P				
PC	GR15A2104	Managerial Economics and Financial Analysis	3	1		4	5	100	
PC	GR15A3048	Microwave Engineering	3	1		4	5	100	
PC	GR15A3046	Digital Signal Processing	3	1		4	5	100	
Open Elective 2			2	1		3	4	100	
Professional Elective 2			3	1		4	5	100	
PE	GR15A2077	Computer Networks							
PE	GR15A3110	Information Theory and Coding							
PE	GR15A3057	Software Engineering							
PC	GR15A3049	Digital Signal Processing Lab			2	2	4	75	
PC	GR15A2072	Object Oriented Programming through Java Lab			2	2	4	75	
PC	GR15A3101	Industry Oriented Mini Project			2	2	4	75	
Total			14	5	6	25	36	725	

Open Elective 1		Course Title	Department Offering
OE - I	GR15A3151	Water Resources Engineering	CE
	GR15A3152	Solar & Wind Energy Systems	EEE
	GR15A3153	Applied Thermodynamics	ME
	GR15A3154	Principles of E- Commerce	CSE
	GR15A3155	Datamining and Applications	IT
	GR15A3156	Computer Architecture and Organization	ECE
Open Elective 2		Course Title	Department Offering
OE - II	GR15A3161	Transportation Engineering	CE
	GR15A3162	Sensors & Transducers	EEE
	GR15A3163	Automobile Engineering	ME
	GR15A3164	Human Computer Interaction	CSE
	GR15A3165	Essentials of Big Data Analytics	IT
	GR15A3166	Principles of Operating Systems	ECE