

R13		
E1S1		
Course Code	Name of the Course	Credits
MA1101	Engineering Mathematics-I	4
EC1102	Electronics Devices and Circuits	4
PH1101	Engineering Physics	4
EE1101	Electrical Technology	4
EC1703	Electronics Devices and Circuits Lab	2
PY1701	Engineering Physics Lab	2
EE1701	Electrical Technology Lab	2
Total Credits		22
E1S2		
Course Code	Name of the Course	Credits
MA1202	Engineering Mathematics II	4
EC2102	Network Analysis	4
CS1201	Programming and Data Structures	4
EC2201	Analog Electronic Circuits I	4
EC1701	Network Analysis Lab	2
CS1801	Programming and Data Structures Lab	2
EC1702	Analog Electronic Circuits I Lab	2
Total Credits		22
E1 Summer Sem		
Course Code	Name of the Course	Credits
	Advanced English	2
	Soft skills	2
Total Credits		4
E2S1		
Course Code	Name of the Course	Credits
MA2204	Probability and Stochastic Processes	4
EC2104	Analog Electronic Circuits II	4
CS2201	Switching Circuits and Logic Design	4
EC2202	Signals and Systems	4
EC2105	Java and OOP	4

EC2703	Analog Electronic Circuits II Lab	2
CS2801	Switching Circuits and Logic Design Lab	2
	Total Credits	24
E2S2		
Course Code	Name of the Course	Credits
EC2204	Electromagnetic Theory	4
EC3101	Analog Communications	4
CS3101	Computer Organization and Architecture	4
EC3204	Digital Signal Processing	4
EC3701	Analog Communications Lab	2
CS3701	Computer Organization and Architecture Lab	2
EC3804	Digital Signal Processing Lab	2
	Total Credits	22
E2 Summer Sem		
Course Code	Name of the Course	Credits
	Foundation of Management	2
	Skill Development	2
	Total Credits	4
E3S1		
Course Code	Name of the Course	Credits
EC3201	Digital Communications	4
EC3103	RF and Microwave Engineering	4
EC3104	Linear Control Systems	4
EC3105	Microprocessors and Embedded Systems	4
EC3801	Digital Communications Lab	2
EC3703	RF and Microwave Engineering Lab	2
EC3704	Microprocessors and Embedded Systems Lab	2
	Total Credits	22
E3S2		
Course Code	Name of the Course	Credits
EC3205	Digital System Design	4
EE2202	Electrical Measurements and Instrumentation	4
EC3206	Wireless Communications	4
	Elective	4
	Elective	4
EC3805	Matlab and Simulink	2
EC3803	Digital System Design Lab	2
	Total Credits	24
E3 Summer Sem		
Course Code	Name of the Course	Credits

	Summer internship	8
	Total Credits	8
E4S1		
Course Code	Name of the Course	Credits
CS1301	Database Management Systems	4
CS2104	Algorithms	4
	Elective	4
	Free Elective	4
EC4700	Project	8
	Total Credits	24
E4S2		
Course Code	Name of the Course	Credits
HS3201	Environmental Science and Engineering	4
	Elective	4
	Elective	4
	Free Elective	4
EC4800	Project	8
EC4801	Comprehensive viva	2
	Total Credits	26

Grand Total Credits 202