

R10		
E1S1		
Course Code	Name of the Course	Credits
MA1101	Mathematics I	4
PH1101, CY1101	Physics (Chemistry)	4
HS1101, ME1101	English for Communication (Mechanics)	3
EE1101, CS1101	Electrical Technology (Programming and Data Structures)	4
ME1102, CE1101	Introduction to Manufacturing process & WSP (Engineering Drawing and Graphics)	3
PH1701, CY1701	Physics Lab (Chemistry Lab)	2
EE1701, CS1701	Electrical Technology Lab (Programming and Data Structures Lab)	2
	Total Credits	22
E1S2		
Course Code	Name of the Course	Credits
MA1202	Mathematics II	4
PH1201, CY1201	Physics (Chemistry)	4
ME1201, HS1201	Engineering Mechanics (English)	3
CS1201, EE1201	Programming & Data Structures (Electrical Technology)	4
CE1201, ME1202	Engineering Drawing and Graphics (Introduction to Manufacturing process & WSP)	3
PH1801, CY1801	Physics Lab (Chemistry Lab)	2
CS1801, EE1801	Programming & Data Structures Lab (Electrical Technology Lab)	2
	Total Credits	22
E2S1		
Course Code	Name of the Course	Credits
EC2101, EC2701	Introduction to Electronics+Lab	6
EC2102, EC2702	Network Theory+Lab	6
EC2103	Semiconductor Devices	4
MA2103	Matrix Algebra	4
	Breadth-I	4

	Total Credits	24
E2S2		
Course Code	Name of the Course	Credits
EC2201, EC2802	Analog Electronic Circuits+Lab	6
EC2202	Signals & Systems	4
EC2203	Electromagnetic Engineering	4
MA2204	Probability and Stochastic Processes	4
CS2201	Design of Algorithms	4
EC2802	Devices Laboratory	2
	Total Credits	24
E3S1		
Course Code	Name of the Course	Credits
EC3101, EC3701	Analog Communications+Lab	6
EC3102, EC3702	Digital Electronic Circuits+Lab	6
EC3103, EC3703	RF & Microwave Engineering+Lab	6
EE3101	Control Systems Engineering	4
	Breadth II	3
	Total Credits	25
E3S2		
Course Code	Name of the Course	Credits
EC3201, EC3801	Digital Communications + lab	6
EC3202, EC3802	VLSI Engineering + lab	6
EC3203	Microcontrollers & Embedded System	4
EC3204, EC2804	Digital Signal Processing+Lab	6
	Breadthj-III	3
	Total Credits	25
E3 Summer Sem		
Course Code	Name of the Course	Credits

EC3301	Summer internship	8
	Total Credits	8
E4S1		
Course Code	Name of the Course	Credits
EC4703	Embedded System Lab	2
EC4105	Java and Data Structures	4
EC4702	Java and Data Structures Lab	2
EC4700	Project-I	6
EC4515	Statistical Signal Proecssing (Elective II)	4
EC3206	Wireless Communication (Elective I)	4
	Total Credits	22
E4S2		
Course Code	Name of the Course	Credits
	Elective-III	4
	Elective-IV	4
	Elective-V	4
EC4800	Project	6
EC4801	Comprehensive viva	2
	Total Credits	20
Grand Total Credits		192