

Curriculum for B. Tech. (Electrical Engineering) 3rd Sem to 8th Sem

Subject Name	Subject Code	L-T-P	Credit	Contact Hour
SEMESTER - III				
Introduction to Electronics	EC2L001	3-1-0	4	4
Introduction to Material Science and Engineering	ID2L001	2-0-0	2	2
Introduction to Bioscience and Technology	ID2L002	2-0-0	2	2
Probability Statistics and Stochastic Processes (<i>Mathematics – 3</i>)	MA2L003	3-1-0	4	4
Signals and Systems	EC2L002	3-1-0	4	4
Breadth – 1		3-0-0	3	3
Introduction to Electronics Laboratory	EC2P001	0-0-3	2	3
Signals and Systems Laboratory	EC2P002	0-0-3	2	3
Project Seminar	EE2S001	0-0-0	2	0
		Total	25	25
SEMESTER – IV				
Lateral -1			3/4	3/4
Breadth – 2			3/4	3/4
Environmental Science Technology and Management	ID2L003	2-0-0	2	2
Analog Electronics Circuits	EC2L003	3-1-0	4	4
Digital Electronics Circuits	EC2L004	3-1-0	4	4
Network Theory	EE2L001	3-1-0	4	4
Analog Electronics Circuits Laboratory	EC2P003	0-0-3	2	3
Digital Electronics Circuits Laboratory	EC2P004	0-0-3	2	3
		Total	24/26	26/28
SEMESTER – V				
Lateral - 2			3/4	3/4
Electric Machines	EE3L001	3-1-0	4	4
Communication Engineering	EC3L001	3-1-0	4	4
Measurement and Electronic Instruments	EE3L002	3-0-0	3	3
Electromagnetic Engineering	EC3L002	3-0-0	3	3

Electric Machines Laboratory	EE3P001	0-0-3	2	3
Communication Engineering Laboratory	EC3P001	0-0-3	2	3
Measurement and Electronic Instruments Laboratory	EE3P002	0-0-3	2	3
		Total	23/24	26/27
SEMESTER - VI				
Lateral -3			3/4	3/4
Breadth – 3			3	3
Control Systems	EE3L003	3-1-0	4	4
Digital Signal Processing	EC3L003	3-1-0	4	4
Power Electronics	EE3L004	3-1-0	4	4
Control Systems Laboratory	EE3P002	0-0-3	2	3
Digital Signal Processing Laboratory	EC3P002	0-0-3	2	3
Power Electronics Laboratory	EE3P003	0-0-3	2	3
		Total	24/25	27/28
SEMESTER - VII				
Power Systems	EE4L001	3-1-0	4	4
Elective – 1		3-0-0	3	3
Elective – 2		3-0-0	3	3
Breadth – 4			3/4	3/4
Power Systems Laboratory	EE4P001	0-0-3	2	3
Industrial Training Defense	EE4T001	0-0-0	2	0
Project- Part 1	EE4D001	0-0-0	4	0
		Total	21/22	16/17
SEMESTER - VIII				
Elective – 3		3-0-0	3	3
Elective – 4		3-0-0	3	3
Elective – 5		3-0-0	3	3
Elective – 6		3-0-0	3	3
Project- Part 2	EE4D002	0-0-0	6	0
		Total	18	12
		G. Total	180/185	
		<i>*Excluding EAA-1 & 2</i>		