

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
AMRITA VISHWA VIDYAPEETHAM, AMRITAPURI CAMPUS
COURSE BOOK FOR EVEN SEMESTER JANUARY-JUNE 2021

B.TECH(EEE)

SEMESTER II					
Cat.	Course Code	Course Title	L-T-P	Cr.	Exam Slot
HUM		Free Elective I**	2 0 0	2	F
	19HUM242	The Message of Bhagwad Gita			F
	19HUM232	Glimpses of eternal India			F
	19CUL230	Achieving excellence in life - an Indian perspective			F
	19CUL233	Yoga Psychology			F
	19GER232	Proficiency in German Language			F
	19GER232	Proficiency in German Language (Lower)			F
SCI	19MAT111	Multivariable Calculus	2 0 0	2	B
SCI	19MAT116	Laplace Transform	1 0 0	1	A
SCI	19PHY101	Engineering Physics	2 1 0	3	D
SCI	19PHY181	Engineering Physics Lab - A	0 0 3	1	L1
ENGG	19CSE102	Computer Programming	3 0 3	4	E
	19EEE113	Electrical Engineering Practice	1 0 3	2	L
ENGG	19EEE112	Electric Circuits	3 0 3	4	C
ENGG	19EEE114	Electronic Circuits	3 0 3	4	I
HUM	19CUL111	Cultural Education - II	2 0 0	2	G
TOTAL			35	25	

SEMESTER IV					
Cat.	Course Code	Course Title	L-T-P	Cr.	Exam Slot
SCI	19MAT216	Probability and Statistics	2 1 0	3	A
ENGG	19EEE213	Electrical Machines I	3 0 3	4	C
ENGG	19EEE214	Signals and Systems	3 0 3	4	B
ENGG	19EEE212	Electrical Energy Systems I	3 0 3	4	D
ENGG	19EEE211	Control Systems	3 0 3	4	E
HUM		Free Elective II**	2 0 0	2	H
HUM	19SAN101	Sanskrit I			H
HUM	19HUM243	The Message of the Upanishads			H
HUM	19GER233	Proficiency in German Language (Higher)			H
HUM	19ENG232	Insights into Life through English Literature			H
HUM	19SSK211	Soft Skills I	1 0 2	2	G
HUM	19AVP211	Amrita Value Programme II	1 0 0	1	F
TOTAL			33	24	

SEMESTER VI					
Cat.	Course Code	Course Title	L-T-P	Cr	Exam Slot
ENGG	15EEE311	Digital Signal Processing	3 0 0	3	A
ENGG	15EEE312	Electrical Energy Systems I	3 0 0	3	C
ENGG	15EEE313	Power Electronics	3 0 0	3	D
ENGG	15EEE314	Microcontroller and Applications	3 0 0	3	F
SCI	15MAT303	Optimization Techniques	2 1 0	3	B
ENGG		Elective I*	3 0 0	3	E
	15EEE359	Renewable Energy & Energy Conservation			E
	15EEE360	Smartgrid			E
ENGG	15EEE385	DSP and Microcontroller Lab	0 0 2	1	L1
ENGG	15EEE386	Power Electronics Lab	0 0 2	1	L2
ENGG	15EEE387	Open Lab	0 1 2	2	L3
HUM	15SSK331	Soft Skills III	1 0 2	2	G
TOTAL			28	24	

SEMESTER VIII					
Cat.	Course Code	Course Title	L-T-P	Cr	Exam Slot
ENGG		Elective IV*	3 0 0	3	E
	15EEE351	Power Converters			
	15CSE330	Information Technology Essentials			
ENGG		Elective V*	3 0 0	3	D

	15EEE343	Fundamentals of Soft Computing			
	15EEE336	Digital Control Systems			
PRJ	15EEE499	Project Phase II		10	P
		TOTAL		16	

