

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
AMRITA VISHWA VIDYAPEETHAM, AMRITAPURI CAMPUS					
COURSE BOOK FOR EVEN SEMESTER NOVEMBER-MAY 2020					
B.TECH					
ELECTRICAL AND ELECTRONICS ENGINEERING					
SEMESTER IV					
Cat.	Course Code	Course Title	L-T-P	Cr.	Exam Slot
ENGG	15EEE211	Analog Integrated Circuits	3 0 0	3	A
ENGG	15EEE212	Electrical Machines I	3 1 0	4	C
ENGG	15EEE213	Electrical Measurements	3 0 0	3	D
SCI	15MAT214	Probability and Statistics	2 1 0	3	B
HUM		Humanities Elective II		2	H
	15HUM231	Glimpses into the Indian mind – the Growth of Modern India		2	H
	15SAN111	Sanskrit II		2	H
	15HUM230	Emotional Intelligence		2	H
	15HUM232	Glimpses of Eternal India		2	H
	15HUM243	The Message of the Upanishads		2	H
	15JAP231	Proficiency in Japanese Language(Higher)	1 0 2	2	H
	15FRE231	Proficiency in French Language(Higher)	1 0 2	2	H
	15GER233	Proficiency in German Language(Higher)	1 0 2	2	H
	15ENG232	Insights into Life through English Literature	1 0 2	2	H
	15HUM242	The Message of Bhagwad Gita	2 0 0	2	H
ENGG	15EEE285	Electrical Machines Lab I	0 0 2	1	L1
ENGG	15EEE286	Electrical Measurements Lab	0 0 2	1	L2
ENGG	15EEE287	Electronic Circuits and Simulation Lab II	0 0 2	1	L3
HUM	15SSK221	Soft Skills-1	1 0 2	2	G
HUM	15AVP211	Amrita Value Programme II	1 0 0	1	F
			Total	21	
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 System 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		<b>Elective-I</b>	3 0 0	3	E
	15EEE359	Renewable Energy and Energy Conservation			
	15EEE360	Smartgrid			
	15PHY240	Electronic Material Sciences			
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	24	

<b>SEMESTER VIII (EEE)</b>					
<b>Cat.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>L-T-P</b>	<b>Cr</b>	<b>Exam Slot</b>
ENGG		<b>Elective-IV</b>	3 0 0	3	E
	15EEE336	Digital Control System			
ENGG		<b>Elective-V</b>	3 0 0	3	D
	15EEE362	Utilisation of Electric Energy			
PRJ	15EEE499	Project Phase II		10	P
			Total	16	