

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
AMRITA VISHWA VIDYAPEETHAM, AMRITAPURI CAMPUS					
COURSE BOOK FOR JANUARY-JUNE 2019					
B.TECH					
S2 EEE A					
Cat.	Course Code	Course Title	L-T-P	Cr.	Exam Slot
SCI	15MAT121	Vector Calculus and Ordinary Differential Equations	3 1 0	4	B
SCI	15PHY100	Physics	3 0 0	3	C
ENGG	15CSE102	Computer Programming	3 0 0	3	D
ENGG	15EEE111	Fundamentals of Electrical and Electronics Engineering	4 0 0	4	A
ENGG	15MEC111	Fundamentals of Mechanical Engineering	3 0 0	3	E
SCI	15PHY181	Physics Lab.	0 0 2	1	L1
ENGG	15MEC180	Workshop A	0 0 2	1	L2
ENGG	15CSE180	Computer Programming Lab	0 0 2	1	L3
HUM	15CUL111	Cultural Education II	2 0 0	2	F
			Total	22	
S2 EEE B					
Cat.	Course Code	Course Title	L-T-P	Cr.	Exam Slot
SCI	15MAT121	Vector Calculus and Ordinary Differential Equations	3 1 0	4	B
SCI	15PHY100	Physics	3 0 0	3	C
ENGG	15CSE102	Computer Programming	3 0 0	3	D
ENGG	15EEE111	Fundamentals of Electrical and Electronics Engineering	4 0 0	4	A
ENGG	15MEC111	Fundamentals of Mechanical Engineering	3 0 0	3	E
SCI	15PHY181	Physics Lab.	0 0 2	1	L1
ENGG	15MEC180	Workshop A	0 0 2	1	L2
ENGG	15CSE180	Computer Programming Lab	0 0 2	1	L3
HUM	15CUL111	Cultural Education II	2 0 0	2	F
			Total	22	
S4 EEE A					
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
	15HUM242	The Message of Bhagavad Gita		2	H
	15HUM243	The Message of the Upanishads		2	H
	15SAN111	Sanskrit II		2	H
	15MAL111	Malayalam II		2	H
	15CUL230	Achieving excellence in life- an Indian perspective		2	H
	15HUM231	Glimpses into the Indian mind - Growth of Modern India		2	H
	15CUL233	Yoga Psychology		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
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	
S4 EEE B					
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
	15HUM242	The Message of Bhagavad Gita		2	H
	15HUM243	The Message of the Upanishads		2	H
	15SAN111	Sanskrit II		2	H
	15MAL111	Malayalam II		2	H
	15CUL230	Achieving excellence in life- an Indian perspective		2	H
	15HUM231	Glimpses into the Indian mind - Growth of Modern India		2	H
	15CUL233	Yoga Psychology		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
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	
S6 EEE					
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	Elective I	(NO CAP)	3 0 0	3	E
	15EEE359	Renewable Energy and Energy Conservation			
	15EEE353	Power Quality			
	15EEE360	Smart Grid			

	15PHY240	Electronic Material Sciences	3 0 0	3	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	24	
S8 EEE					
Cat.	Course Code	Course Title	L-T-P	Cr	Exam Slot
ENGG	Elective-IV	(NO CAP)	3 0 0	3	E
	15EEE330	Advanced Control Systems			
	15EEE333	Deregulated Power System			
	15EEE357	Power System Operation, Control and Stability			
ENGG	Elective- V	(NO CAP)	3 0 0	3	D
	15EEE336	Digital Control System			
	15EEE334	Design of Electrical Apparatus			
	15EEE358	Process Control and Instrumentation			
PRJ	15EEE499	Project Phase II		10	P
			Total	16	