

Amrita Vishwa Vidyapeetham					
Amrita School of Engineering, Amritapuri					
Department of Electronics & Communication Engineering (ECE)					
Course Book(July – Dec 2019)					
3ECE					
Cat	Code	Title	L T P	Cr	ES
ENGG	15ECE201	Applied Electromagnetics	3 1 0	4	A
ENGG	15ECE202	Digital Circuits and Systems	3 1 0	4	C
ENGG	15ECE203	Network Theory	3 0 0	3	D
ENGG	15ECE204	Signals Processing I	3 1 0	4	E
SCI	15MAT202	Linear Algebra	2 1 0	3	B
HUM		Humanities Elective I	2 0 0	2	H
	15HUM242	The Message of Bhagavad Gita			
	15CUL230	Achieving Excellence in Life – An Indian Perspective			
	15ENG232	INSIGHTS INTO LIFE THROUGH ENGLISH LITERATURE			
	15CUL233	Yoga Psychology			
	15HUM243	The Message of the Upanishads			
	15HUM233	Glimpses of Indian Economy and Polity			
	15HUM245	Service Learning			
	15SAN101	Sanskrit I			
	15MAL101	Malayalam I			
	15ENG230	Business Communication	1 0 2		
	15FRE230	Proficiency in French Language (Lower)	1 0 2		
	15GER232	Proficiency in German Language (Lower)	1 0 2		
	15JAP230	Proficiency in Japanese Language (Lower)	1 0 2		
	15ENG234	Indian Short Stories in English	1 0 2		
ENGG	15ECE281	Digital Circuits and Systems Lab.	0 0 2	1	L1
ENGG	15ECE282	Signals Processing I Lab.	0 0 2	1	L2
HUM	15AVP201	Amrita Values Program I	1 0 0	1	F
		Total (H = 3; S = 3; E = 17)		23	
5ECE					
Cat	Code	Subject	L-T-P	Cr	ES
ENGG	15ECE301	Communication Theory	3-1-0	4	A
ENGG	15ECE302	Control System Engineering	3-1-0	4	C
ENGG	15ECE303	Linear Integrated Circuits	3-0-0	3	D
ENGG	15ECE304	Microprocessor and Microcontroller	3-1-0	4	E
SCI	15MAT303	Optimization Techniques	2-1-0	3	B
ENGG	15ECE381	Circuits and Communication Lab	0-0-2	1	L1
ENGG	15ECE382	Microcontroller Lab	0-0-2	1	L2
		Microcontroller Lab			
HUM	15SSK321	Soft Skill II	1-0-2	2	G
H	15LIV390	Live-in-Lab**		[3]	P2
				22	[3]

15ECE					
Cat	Code	Subject	L-T-P	Cr	ES
ENGG	15ECE401	Information Theory and Coding Techniques	3-1-0	4	A
ENGG	15ECE402	Radio Frequency Engineering	3-1-0	4	B
	15ENV300	Environmental Science and Sustainability	3-0-0	3	H
ENGG		Elective 11 (cap 30)	3-0-0	3	E
	15ECE359	Wireless Communication			
	15ECE325	Biomedical Signal Processing			
	15ECE330	Image Processing			
	15ECE371	VLSI Fabrication Technology			
	15CSE374	Intro to Data Structures and Algorithms			
ENGG		Elective 111	3-0-0	3	D
	15ECE322	Analog Signal Processing			
	15ECE353	Optical Communication			
	15ECE334	Wavelet based Signal Processing			
	15ECE351	MIMO and Multi Carrier Systems			
	15ECE373	VLSI Systems Design			
ENGG	15ECE481	Microwave Engineering Lab b1	0-0-2	1	L1
		Microwave Engineering Lab b2			
PRJ	15ECE495	Project Phase 1		2	P1
ENGG	15LIV490	Live-in-Lab**		[3]	P2
				20 [+3]	