

Course Book Jan May 2020

Electronics and Communication Engineering

SEMESTER IV_ECE_A

Cat	Code	Title	L T P	Cr	ES
ENGG	15ECE211	Electronics Circuits	3 1 0	4	A
ENGG	15ECE212	Signal Processing II	3 1 0	4	C
ENGG	15ECE213	Transmission Lines and Waveguides	3 0 0	3	D
SCI	15MAT213	Probability and Random Process	3 1 0	4	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	15ECE285	Digital Signal Processing Lab Batch 1	0 0 2	1	L1
		Digital Signal Processing Lab Batch 2			
ENGG	15ECE286	Electronic Circuits Lab Batch 1	0 0 2	1	L2
		Electronic Circuits Lab Batch 2			
HUM	15SSK221	Soft Skills I	1 0 2	2	G
HUM	15AVP211	Amrita Values Program II	1 0 0	1	F
				22	

SEMESTER VI_ECE_A

Cat	Code	Title	L T P	Cr	ES
ENGG	15ECE311	Data Communication and Networks	3 0 0	3	A
ENGG	15ECE312	Digital Communication	3 1 0	4	B
ENGG	15ECE313	VLSI Design	3 0 0	3	C
ENGG	15ECE314	Computer System Architecture	3 0 0	3	D
ENGG		Elective I	3 0 0	3	E
	15ECE330	Image Processing			
	15ECE373	VLSI System Design			
	15ECE364	Digital IC Design			
	115ECE349	Microwave Solid State Devices			
ENGG	15ECE385	Digital Communication Lab. Batch 1	0 0 2	1	L1
		Digital Communication Lab. Batch 2			
ENGG	15ECE386	VLSI Design Lab. Batch 1	0 0 2	1	L2
		VLSI Design Lab. Batch 2			
ENGG	15ECE387	Open Lab.	0 1 2	2	L3
	15ECE387/1	open lab 1(Python)			
	15ECE387/2	open lab 2 (Verilog)			
	15ECE387/3	open lab 3 (Speech Processing)			
	15ECE387/4	open lab 4 (Electromagnetics)			
	15ECE387/5	open lab 5 (LabView)			
HUM	15SSK331	Soft Skills III	1 0 2	2	G
				22	

SEMESTER VIII_ECE_A

Cat	Code	Title	L T P	Cr	ES
Cat		Elective IV	3 0 0	3	E
	15ECE358	Spread Spectrum Communication			

	15ECE321	Adaptive Signal Processing			
	15ECE344	Antenna Systems and Design			
	15ECE334	Wavelet based Signal Processing			
	15CSE330	Information Technology Essentials			
		Elective V	3 0 0	3	D
	15ECE329	Image Analysis			
	15ECE355	Radio Frequency Circuit Design			
	15MEC333	Financial Management			
	15MEC411	Operations Research			
PRJ	ECE499	Project Phase II		10	P
				16	