



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY - GURAJADA -
VIZIANAGARAM**

VIZIANAGARAM – 535 003 Andhra Pradesh (India)

(Established by Andhra Pradesh Act No.22 of 2021)

Department of Electronics and Communication Engineering

COURSE STRUCTURE

(Applicable from the academic year 2023-24 onwards)

B.Tech.– II Year I Semester

S. No	Category	Title	L	T	P	Credits
1	BS	Random Variables and Stochastic	3	0	0	3
2	HSMC	Universal Human Values– Understanding Harmony and Ethical Human Conduct	2	1	0	3
3	ES	Signals and Systems	3	0	0	3
4	PCC	Electronic Devices and Circuits	3	0	0	3
5	PCC	Digital Circuits Design	3	0	0	3
6	PCC	Electronic Devices and Circuits Lab	0	0	3	1.5
7	PCC	Digital Design & Signal Simulation lab	0	0	3	1.5
8	SEC	Python Programming	0	1	2	2
9	Audit Course	Environmental Science	2	0	0	-
		Total	16	02	08	20

B.Tech.– II Year II Semester

S. No	Category	Title	L	T	P	Credits
1	HSMC	Managerial Economics and Financial Analysis	2	0	0	2
2	ES	Linear Control Systems	3	0	0	3
3	PCC	EM Waves and Transmission Lines	3	0	0	3
4	PCC	Analog Circuits Design	3	0	0	3
5	PCC	Analog and Digital Communications	3	0	0	3
6	PCC	Analog Circuits Design Lab	0	0	3	1.5
7	PCC	Analog and Digital Communications	0	0	3	1.5
8	SEC	Soft Skills	0	1	2	2
9	ES	Design Thinking and Innovation	1	0	2	2
		Total	15	01	10	21