ELECTRONICS AND COMPUTER ENGINEERING AND FIRST YEAR ELECTRONICS AND COMPUTER SCIENCE SCHEME (AY 2024-25)

SEMESTER - I							
Sr. No	Course Category	Course Code	Title of the Course	L	T	P	Credits
1.	Major	CMP-100	Fundamentals of Programming using C	3	0	0	3
		CMP-101	Fundamentals of Programming using C Lab	0	0	1	1
2.	Minor	MCV-111	Basics of Mechanical and Civil Engineering	3	0	0	3
		MCV-112	Basics of Mechanical and Civil Engineering Lab	0	0	1	1
		OR					
		SHM-111	Biology for Engineers	3	0	0	3
		SHM-112	Biology for Engineers Lab	0	0	1	1
3.	MC	SHM-132	Applied Physics	2	0	0	2
		SHM-133	Applied Physics Lab	0	0	1	1
4.	AEC	AEC-153	Communication and Technical Writing	2	1	0	3
5.	VAC	VAC-158	Environmental Science and Sustainability	2	0	0	2
		VAC-159	Environmental Science and Sustainability Lab	0	0	1	1
6.	SEC	SEC-143	Engineering Graphics and Design with UI/UX	0	0	3	3
			TOTAL	12	1	7	20

SEMESTER - II							
Sr. No.	Course Category	Course Code	Title of the Course	L	T	P	Credits
1.	Major	ETC-100	Elements of Electrical and Electronics Engineering	3	0	0	3
		ETC-101	Elements of Electrical and Electronics Engineering Lab	0	0	1	1
2.	Minor	ITH-111	Basics of Computing using Python	3	0	0	3
		ITH-112	Basics of Computing using Python Lab	0	0	1	1
		OR					
		SHM-113	Engineering Chemistry	3	0	0	3
		SHM-114	Engineering Chemistry Lab	0	0	1	1
3.	MC	SHM-131	Engineering Mathematics – I	2	1	0	3
4.	AEC	AEC-151	Creative Thinking and Innovation	2	0	0	2
		AEC-152	Creative Thinking and Innovation Lab	0	0	1	1
5.	VAC	VAC-156	Indian Knowledge System	2	0	0	2
		VAC-157	Indian Knowledge System Lab	0	0	1	1
6.	SEC	SEC-144	Electronics and Mechanical Workshop	0	0	3	3
			Total	12	1	7	20