

C-26 Curriculum : Electronics and Communication Engineering

I year			III SEM			IV SEM			V SEM			VI SEM	
Subject Co	SubjectName	Credi	Subject Co	SubjectName	Credi	Subject Co	SubjectName	Credi	Subject Co	SubjectName	Credits	EC-601 Industrial Training	Credits
HU-101	English	2	SC-301	Advanced Engineering Mathematics	3	EC-401	Microcontrollers	3	ME-501	Techno Entrepreneurship & Startups	3		20
SC-102	Engineering Mathematics	3	EC-302	Digital Electronics	3	EC-402	Linear Integrated Circuits and Applications	3	EC-502	5G cellular and Optical Fiber Communication	3		
SC-103	Engineering Physics	3	EC-303	Electronic Devices and Circuits	3	EC-403	Networks and Signals	3	EC-503	DCD Using Verilog HDL	3		
SC-104	Engineering Chemistry	3	EC-304	Analog and Digital Communication	3	EC-404	Data Communications and Computer Networks	3	EC-504A / EC-504B	Internet of Things / Cyber Security	3		
EC-105	Basic Electronics	3	CS-305	Fundamentals of AI and ML	3	EC-405	Advanced Communication	3	EC-505A / ME-505B	Semiconductor Technology / System Engineering	3		
EC-106	Fundamentals of Computer Programming	3	EC-306	Digital Electronics Lab	2	EC-406	Microcontroller Programming Lab	2	EC-506	DCD Using Verilog HDL Lab	2		
ME-107	Engineering Drawing with CAD	2	EC-307	Electronics Devices and Circuits Lab	2	EC-407	Linear Integrated Circuits Lab	2	EC-507	Internet of Things Lab	2		
EC-108	Basic Electronics Lab	2	EC-308	Communication Systems Lab	2	EC-408	Circuit Design and Simulation Lab	2	EC-508	Drone Technology LAB	2		
SC-109	Science Lab	2	CS-309	Fundamentals of AI and ML Lab	2	EC-409	Networking Lab	2	ME-509	Innovation & Design Thinking Lab	2		
EC-110	C and Python Programming Lab	2	HU-310	Communication Skills and Life Skills Lab	2	EC-410	Digital Fabrication Lab	2	EC-510	Project Work	2		
Total		25	Total		25	Total		25	Total		25	Total	20