

**C-24 Curriculum : Electronics and Communication Engineering template (6T +4P) with industrial training
(20 credits for each semester)**

I Semester			II semester		III semester		IV Semester		V Semester		VI Semester	
Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Sub_Code	Sub_Name	Sub_Code	Sub_Name	Sub_Code	Sub_Name	Sub_Code	Sub_Name
HU-101	Basic English	2.5	HU-201	Advanced English	SC-301	Applied Engineering Mathematics	SC-401	Advanced Engineering Mathematics	EC-501	Entrepreneurship & Startups	601	Industrial Training (20 credits)
SC-102	Basic Engineering Mathematics	2.5	SC-202	Engineering Mathematics	EC-302	Digital Electronics	EC-402	Microprocessors & Microcontrollers	EC-502	Mobile and Optical Fiber Communications		
SC-103	Basic Physics	2.5	SC-203	Applied Physics	EC-303	Communication Systems	CS-403	Python Programming	EC-503	DCD Using Verilog HDL		
SC-104	General Engineering Chemistry	2.5	SC-204	Applied Engineering Chemistry	EC-304	Network Analysis	EC-404	Data Communications and Computer Networks	EC-504	Industrial & Power Electronics		
EC-105	Basic Electronics	2.5	CS-205	Programming In C	EC-305	Linear Integrated Circuits & Applications	EC-405	Microwave Communication	CS-505A/ EC-505B	Internet of Things/Signals & Systems (Theory Course (elective))		
EC-106	Semiconductor Devices	2.5	EC-206	Electronic Devices & Circuits	EC-306	Electronic Measuring Instruments	EC-406	Semiconductor Technology	EC-506A / CS-506B	Embedded Systems with Arduino / Machine Learning (Theory Course (elective))		
ME-107	Engineering Drawing-I	1.25	ME-207	Engineering Drawing-II	EC-307	Digital Electronics Lab	EC-407	Microcontrollers Lab	EC-507	DCD using Verilog HDL Lab		
EC-108	Basic Electronics Lab	1.25	EC-208	Electronic Devices & Circuits Lab	EC-308	Communication systems & Networks Lab	CS-408	Python Programming Lab	EC-508	Industrial & Power Electronics Lab		
SC-109	Basic Science Lab	1.25	SC-209	Applied Science Lab	309	Linear Integrated Circuits & Applications Lab	EC-409	Computer Hardware & Networking Lab	EC-509	IoT & Arduino Programming Lab		
CS-110	Computer Fundamentals Lab	1.25	CS-210	Programming In C Lab	HU-310	Communication skills & Life Skills Lab	HU-410	Employability Skills Lab	EC-510	Project Work		

