

Sub_Code	Sub_Name	Credits'	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_C ode	Sub_Na me
HU-101	English	2	EE-301	Electrical & Electronics Measuring Instruments	3	EE-401	Electrical Estimation & Installation	3	ME-501	Techno Entrepreneurship & Startups	3	601	I n d u s t r i a l T r a i n i n g (2 0 c r e d i t s)
SC-102	Engineering Mathematics	3	EE-302	Electrical Circuits	3	EE-402	Digital Electronics	3	EE-502	Power Electronics	3		
SC-103	Engineering Physics	3	EE-303	DC Machines & Batteries	3	EE-403	AC Machines-I	3	EE-503	AC Machines-II	3		
SC-104	Engineering Chemistry	3	EE-304	Electrical Power System(Gen)	3	EE-404	Power Systems(T&D)	3	EE-504A/EE-504C	Switchgear & Protection /Renewable Energy Systems	3		
EE-105	Fundamentals of Electrical Engineering	3	CS-305	Fundamentals of AI/ML	3	EE-405	Digital Manufacturing in Electrical Engineering	3	EE-505A/EE-505B	Electric Vehicles & Charging Infrastructure /Electrical Drives and Traction	3		
EE-106	Semiconductor Devices and Circuits	3	EE-306	Electrical Measurements Lab	2	EE-406	Power System & Installation Lab	2	EE-506	Power Electronics Lab	2		
ME-107	Engineering Drawing with CAD	2	EE-307	Electrical Circuits Lab	2	EE-407	Digital Electronics lab	2	EE-507	AC Machines Lab-II	2		
EE-108	Electrical and Electronics Lab	2	EE-308	DC Machines Lab	2	EE-408	AC Machines-I lab	2	EE-508	Electrical Simulation and Automation Lab	2		
SC-109	Science Lab	2	CS-309	Fundamentals of AI/ML Lab	2	EE-409	Digital Manufacturing Lab	2	509	Innovation & Design Thinking Lab	2		
CS-110	Computer Fundamentals Lab	2	HU-310	Communication Skills and Life Skills Lab	2	EE-410	Product Design & Development for Electrical Lab	2	510	Project Work	2		
		25			25			25			25	20	120