

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- 504B/SC- 504C	Switchgear & Protection /Renewable Energy Systems/Advanced Engineering Mathematics	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	ME-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	EE-510	Project Work	2		
25			25			25			25			20	120

Scheme _Code	Year/Se mester	Branch_ Code	Sub_Cod e	Sub_Name	iselective	subjectTy pe	Board Question Paper	Mid1 Max_Ma rks	Mid2 Max_ Marks	Internal Max_Marks	End_exam_ max_marks	Total	Credits	Elective Set	T Scheme	Tsubject t Code	TP CODE	AnswerB ookLet
C26	1Year	EEE	HU-101	English	False	Theory	True	20	20	20	40	100	2					True
C26	1Year	EEE	SC-102	Engineering Mathematics	False	Theory	True	20	20	20	40	100	3					True
C26	1Year	EEE	SC-103	Engineering Physics	False	Theory	True	20	20	20	40	100	3					True
C26	1Year	EEE	SC-104	Engineering Chemistry	False	Theory	True	20	20	20	40	100	3					True
C26	1Year	EEE	EE-105	Fundamentals of Electrical Engineering	False	Theory	True	20	20	20	40	100	3					True
C26	1Year	EEE	EE-106	Semiconductor Devices and Circuits	False	Theory	True	20	20	20	40	100	3					True
C26	1Year	EEE	ME-107	Engineering Drawing with CAD	False	Practical	True	20	20	20	40	100	2					False
C26	1Year	EEE	EE-108	Electrical and Electronics Lab	False	Practical	False	20	20	20	40	100	2					False
C26	1Year	EEE	SC-109	Science Lab	False	Practical	False	20	20	20	40	100	2					False
C26	1Year	EEE	CS-110	Computer Fundamentals Lab	False	Practical	False	20	20	20	40	100	2					False

Scheme Code	Semester	Branch Code	Sub_Code	Sub_Name	iselective	Subject Type	Board Question Paper	Mid1 Max_Marks	Mid2 Max_Marks	Internal Max_Marks	End_exam_max_marks	Total	Credits	Elective Set	T Scheme	T Subject Code	TP CODE	Answer BookLet
C26	III SEM	EEE	EE-301	Electrical & Electronics Measuring Instruments	False	Theory	True	20	20	20	40	100	3					True
C26	III SEM	EEE	EE-302	Electrical Circuits	False	Theory	True	20	20	20	40	100	3					True
C26	III SEM	EEE	EE-303	DC Machines & Batteries	False	Theory	True	20	20	20	40	100	3					True
C26	III SEM	EEE	EE-304	Electrical Power System(Gen)	False	Theory	True	20	20	20	40	100	3					True
C26	III SEM	EEE	CS-305	Fundamentals of AI/ML	False	Theory	True	20	20	20	40	100	3					True
C26	III SEM	EEE	EE-306	Electrical Measurements Lab	False	Theory	True	20	20	20	40	100	2					True
C26	III SEM	EEE	EE-307	Electrical Circuits Lab	False	Practical	False	20	20	20	40	100	2					False
C26	III SEM	EEE	EE-308	DC Machines Lab	False	Practical	False	20	20	20	40	100	2					False
C26	III SEM	EEE	CS-309	Fundamentals of AI/ML Lab	False	Practical	False	20	20	20	40	100	2					False
C26	III SEM	EEE	HU-310	Communication Skills and Life Skills Lab	False	Practical	False	20	20	20	40	100	2					False
25																		

Minor

C26	III SEM	EEE	SC-301	Engineering Mathematics (Minor Option)	FALSE	Theory			0	0	20	20	20	40		3		Minor
C26	III SEM	EEE	CS-205	Programming in C(Minor Option)	FALSE	Theory			0	0	20	20	20	40		3		Minor

Scheme_Code	Semester	Branch_Code	Sub_Code	Sub_Name	iselective	Subject Type	Board Question Paper	Mid1 Max_Marks	Mid2 Max_Marks	Internal Max_Marks	End_exam_max_marks	Total	Credits	ElectiveSet	T Scheme	T Subject Code	TP CODE	Answer BookLet
C26	IV SEM	EEE	EE-401	Electrical Estimation & Installation	False	Theory	True	20	20	20	40	100	3					True
C26	IV SEM	EEE	EE-402	Digital Electronics	False	Theory	True	20	20	20	40	100	3					True
C26	IV SEM	EEE	EE-403	AC Machines-I	False	Theory	True	20	20	20	40	100	3					True
C26	IV SEM	EEE	EE-404	Power Systems(T&D)	False	Theory	True	20	20	20	40	100	3					True
C26	IV SEM	EEE	EE-405	Digital Manufacturing in Electrical Engineering	False	Theory	True	20	20	20	40	100	3					True
C26	IV SEM	EEE	EE-406	Power System & Installation Lab	False	Practical	False	20	20	20	40	100	2					False
C26	IV SEM	EEE	EE-407	Digital Electronics lab	False	Practical	False	20	20	20	40	100	2					False
C26	IV SEM	EEE	EE-408	AC Machines-I lab	False	Practical	False	20	20	20	40	100	2					False
C26	IV SEM	EEE	EE-409	Digital Manufacturing Lab	False	Practical	False	20	20	20	40	100	2					False
C26	IV SEM	EEE	EE-410	Product Design & Development for Electrical Lab	False	Practical	False	20	20	20	40	100	2					False

Minor

C26	IV	EEE	SC-401	Applied E Mathematics (Minor Option)									20	40			3	Minor
C26	IV	EEE	ME-405	Mechanical Engineering Basics(Minor Option)	False	Theory	True	20	20	20	40	100	2.75					True
C26	III SEM	EEE	EE-401	Network Theory (Minor Option)	FALSE	Theory			0	0	20	20	20	40			3	Minor

Scheme_Code	Semester	Branch_Code	Sub_Code	Sub_Name	iselective	Subject Type	Board Question Paper	Mid1 Max_Marks	Mid2 Max_Marks	Internal Max_Marks	End_exam_max_marks	Total	Credits	Electiveset	T Scheme	T Subject Code	TP CODE	Answer BookLet
C26	V SEM	EEE	ME-501	Techno Entrepreneurship & Startups	False	Theory	True	20	20	20	40	100	3					True
C26	V SEM	EEE	EE-502	Power Electronics	False	Theory	True	20	20	20	40	100	3					True
C26	V SEM	EEE	EE-503	AC Machines-II	False	Theory	True	20	20	20	40	100	3					True
C26	V SEM	EEE	EE-504A/EE-504C	Switchgear & Protection /Renewable Energy Systems	True	Theory	True	20	20	20	40	100	3	ETE-1				True
C26	V SEM	EEE	EE-505A/EE-505B	Electric Vehicles & Charging Infrastructure /Electrical Drives and Traction	False	Theory	True	20	20	20	40	100	3					True
C26	V SEM	EEE	EE-506	Power Electronics Lab	False	Practical	False	20	20	20	40	100	2					False
C26	V SEM	EEE	EE-507	AC Machines Lab-II	False	Practical	False	20	20	20	40	100	2					False
C26	V SEM	EEE	EE-508	Electrical Simulation and Automation Lab	False	Practical	False	20	20	20	40	100	2					False
C26	V SEM	EEE	509	Innovation & Design Thinking Lab	False	Practical	False	20	20	20	40	100	2					False
C26	V SEM	EEE	510	Project Work	False	Practical	False	20	20	20	40	100	2					False

C26	V SEM	EEE	EE-M2	Electrical Utilization & Traction	FALSE	Theory			0	0	20	20	20	40		3		Minor
C26	V SEM	EEE	EE-M3	Smart Grids & Renewable Energy Integration	FALSE	Theory			0	0	20	20	20	40		3		Minor

C26	VI SEM	EEE	EE-ELECT-01	Emerging Technology Elective – Electric Vehicles & Charging Infrastructure	TRUE	Theory	TRUE	3	0	20	20	40	60	100	3	ETE-1		TRUE
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*Suggestion 6–8 lab experiments

Scheme_Code	Semester	Branch_Cod e	Subject_Code	Subject Name	iselective	Subject Type	Board Question Paper	Mid1 Max_Mar ks	Mid2 Max_Ma rks	Internal Max_Marks	End_exam_m ax_Marks	Total	Credits	Elective Set	T Scheme	T Subject Code	TP CODE	Answer BookLet
C26	VI SEM	EEE	EE-601	Industrial Training	False	Practical	False	20	20	20	40	100	20.00					False

Sub_Code	Sub_Name	Staff Name	Status
HU-101	English		Comp
SC-102	Engineering Mathematics		Comp
SC-103	Engineering Physics		Comp
SC-104	Engineering Chemistry		Comp
EE-105	Fundamentals of Electrical Engineering	P Swathi SL/EEE	Comp
EE-106	Semiconductor Devices and Circuits	Neeraja B L/EEE	comp
EE-107	Engineering Graphics & Design Practice	Neeraja B L/EEE	Comp
EE-108	Electrical and Electronics Lab	P Swathi SL/EEE	Comp
SC-109	Science Lab		
EE-110	Fundamentals of Programming Lab	Neeraja B L/EEE	Comp

Sub_Code	Sub_Name	Staff Name	Status
EE-301	Electrical & Electronics Measuring Instruments	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-302	Electrical Circuits	T Madhukar Reddy L/EEE	Comp
EE-303	DC Machines & Batteries	A Nagaraju L/EEE	Comp
EE-304	Electrical Power System(Gen)	Dr. Chinthapally Yadaiah, HOD/EE	Comp
EE-305	Digital Manufacturing in Electrical Engineering	P Swathi SL/EEE	Comp
EE-306	Electrical Measurements Lab	T Madhukar Reddy L/EEE	Comp
EE-307	Electrical Circuits Lab	T Madhukar Reddy L/EEE	Comp
EE-308	DC Machines Lab	A Nagaraju L/EEE	Comp
EE-309	Digital Manufacturing Lab	P Swathi SL/EEE	Comp
HU-310	Communication Skills and Life Skills Lab		Comp

Sub_Code	Sub_Name	Staff Name	Status
EE-401	Electrical Estimation & Installation	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-402	Digital Electronics	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-403	AC Machines-I	A Nagaraju L/EEE	Comp
EE-404	Power Systems(T&D)	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-405	Introduction to AI and ML for Electrical Systems	Neeraja B L/EEE	Comp
EE-406	Power System & Installation Lab	Dr. Chinthapally Yadaiah, HOD/EE	Comp
EE-407	Digital Electronics lab	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-408	AC Machines-I lab	A Nagaraju L/EEE	Comp
EE-409	Product Design & Development for Electrical Lab	Neeraja B L/EEE	Comp
EE-410	AI and ML for Electrical Systems Lab	Neeraja B L/EEE	Comp

Sub_Code	Sub_Name	Staff Name	Status
ME-501	Techno Entrepreneurship & Startups		Comp
EE-502	Power Electronics	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-503	AC Machines-II	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-504A	Switchgear & Protection	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-505A	Electric Vehicles & Charging Infrastructure	Neeraja B L/EEE	Comp
EE-504B	Renewable Energy Systems	A Nagaraju L/EEE	Comp
EE-505B	Electrical Drives and Traction	A Nagaraju L/EEE	Comp
EE-506	Power Electronics Lab	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-507	AC Machines Lab-II(Alternator & Synchronous Motors)	Dr. Ch. S. V. Prasad Rao HOD	Comp
EE-508	Electrical Simulation Lab	Neeraja B L/EEE	Comp
EE-509	Control Engineering and Automation Lab	Neeraja B L/EEE	Comp