



**V Semester**

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	22EE501T	Power Electronics	4	1	-	5	30	70	100
2	22EE501P	Power Electronics Lab	-	-	2	1	25	25	50
3	22EE502P	Electrical Engineering Drawing Lab	-	-	2	1	25	25	50
4	22EE503T	Electrical Machine Design	4	1	-	5	30	70	100
5	22EE561O	Open Elective - I	3	-	-	3	30	70	100
7	22EE504P	Technical Skill Development-II	-	-	2	1	50	-	50
6	22EE505T	Professional Elective - I	4	-	-	4	30	70	100
8	22AS502T	English for Engineers	2	-	-	2	15	35	50
9	22H104	Foundational Humanities Elective	2	-	-	0	Audit		
10	22EE506P	Career Development-III *	2	-	-	0	Audit		
<b>Total</b>			<b>21</b>	<b>2</b>	<b>6</b>	<b>22</b>	<b>235</b>	<b>365</b>	<b>600</b>

\* Career Development (Interpersonal Skills and Aptitude)

22EE561O	Open Elective - I	22H104	Foundational Humanities Elective
22EE561O (i)	OE-I MATLAB Programming	22H104	Development of Societies
22EE561O (ii)	OE-I PLC & SCADA Systems	22H104	Philosophy

22EE505T	Professional Elective - I
22EE505T (i)	PE-I Advanced Power System
22EE505T (ii)	PE-I Linear Electronic Circuits
22EE505T (iii)	PE-I Signals & Systems
22EE505T (iv)	PE-I Electrical Machines-II
22EE505T (v)	PE-I Electric Vehicle Architecture
22EE505T (vi)	PE-I PLC & Industrial Automation

		July 2024	1.0	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



**VI-Semester**

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	22EE601T	High Voltage Engineering	2	1	-	3	30	70	100
2	22EE601P	High Voltage Engineering Lab	-	-	2	1	25	25	50
3	22EE602T	Control System Engineering	3	1	-	4	30	70	100
4	22EE602P	Control System Engineering Lab	-	-	2	1	25	25	50
5	22EE603T	Professional Elective - II	4	-	-	4	30	70	100
6	22AS501T	Economics and Management	3	-	-	3	30	70	100
7	22EE661O	Open Elective-II	3	-	-	3	30	70	100
8	22EE604P	Project - I	-	-	2	1	50	-	100
9	22EE605P	Electrical Engineering Workshop	-	-	2	1	50	-	50
10	22EE606T	Career Development-IV*	2	-	-	0	Audit		
11	22EE607P	Capstone Course-I **	-	-	2	1	50		50
<b>Total</b>			17	2	10	22	350	400	750

\*\* Capstone Course – I (Comprehensive knowledge gained in <Branch Name >)

	Open Elective - II		Professional Elective-II
22EE661O (i)	Monitoring & Testing of Electrical Machines	22EE603T(i)	Micro-controller Application in Electrical Engineering
22EE661O (ii)	Utilization of Electrical Energy	22ET603T(ii)	Computer Applications in Power System
		22EE603T(iii)	Electric Vehicle Drives
		22ET603T(iv)	Vehicle Dynamics
		22ET603T(v)	Utilization of Electrical Energy
		22ET603T(vi)	Monitoring & Testing of Electrical Machines

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