

**BACHELOR OF TECHNOLOGY
ELECTRICAL & ELECTRONICS ENGINEERING
THIRD YEAR (FIFTH SEMESTER)**

W.E.F. ADMISSION BATCH 2023-24

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	PC	EEPC3001	Control System	3-0-0	3	100	50
2	PC	EEPC3002	Power System - I	3-0-0	3	100	50
3	PC	ECPC3001	Microprocessor & Microcontroller	3-0-0	3	100	50
4	PE	ECPE3001	Electromagnetic Field Theory	3-0-0	3	100	50
		ETPE3002	Sensors and Transducers				
		ETPE3003	Analog Communication Techniques				
		ETPE3004	Opto Electronics Devices & Instrumentation				
		-	-				
		-	-				
5	HS	HSHS3002	Entrepreneurship Development	3-0-0	2	100	50
		HSHS3003	Professional Ethics				
6	MC	MCMC3001	Environmental Engineering	3-0-0	2	100	50
		MCMC3002	Industrial Safety Engineering				
Subject (Sessional / Practical)							
7	PC	ETPC3201	Control System Laboratory	0-0-3	1.5	-	100
8	PC	ETPC3202	Power System Simulation Laboratory	0-0-3	1.5	-	100
9	PC	ETPC3203	Microprocessor & Microcontroller Laboratory	0-0-3	1.5	-	100
10	PSI	ETPS3201	Seminar on SIRE - I	0-0-3	1.5	-	100
Total				18-0-12	22	600	700

[Click here to view/download the syllabus of the subjects.](#)

**BACHELOR OF TECHNOLOGY
ELECTRICAL & ELECTRONICS ENGINEERING
THIRD YEAR (SIXTH SEMESTER)**

W.E.F. ADMISSION BATCH 2023-24

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	PC	EEPC3004	Power System - II	3-0-0	3	100	50
2	PC	EOPC3002	Digital Signal Processing	3-0-0	3	100	50
3	PE	EEPE3005	Renewable Energy Sources	3-0-0	3	100	50
		EOPC3004	Digital Communication Techniques				
		EEPE3007	Electric Vehicle				
		ETPE3008	Industrial Power Electronics				
		-	-				
4	PE	EOPE3003	Digital Image Processing	3-0-0	3	100	50
		CSPE3010	Embedded Systems				
		EEPE3011	Electrical Power Quality				
		EEPE3012	Storage Technology				
		-	-				
		-	-				
5	HS	HSHS3003	Professional Ethics	3-0-0	2	100	50
		HSHS3002	Entrepreneurship Development				
6	MC	MCMC3002	Industrial Safety Engineering	3-0-0	2	100	50
		MCMC3001	Environmental Engineering				
Subject (Sessional / Practical)							
7	PSI	CSPS3202	Project for Product Development - I	0-0-6	3	-	100
8	PC	ETPC3204	Power System Laboratory	0-0-3	1.5	-	100
9	PC	ETPC3205	Digital Signal Processing Laboratory	0-0-3	1.5	-	100
Total				18-0-12	22	600	600

NB : Minimum 4 weeks of Summer Internship and Research Experience-II (SIRE-II) after 6th Semester during the vacation.

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