

Electrical & Electronics Engineering									
B.Tech. 3rd Year Course Structure									
5th Semester									
Sl No	Type of Course	Subject Code	Subject Name	L	T	P	S	Total Credits	Credit Points
Theory									
1	Professional Core Courses	PCC-EEE 501	Electric machine-II	2	1	0		3	3
2	Professional Core Courses	PCC-EEE 502	Power System-I	2	1	0		3	3
3	Professional Core Courses	PCC-EEE 503	Control system	2	1	0		3	3
4	Humanities and social sciences including Management	PCC-EEE 504	Power Electronics	2	1	0		3	3
5	Professional Elective Courses	PEC-EEE 571	A: Electric Vehicles / B: Renewable & Non Conventional Energy	3	0	0		3	3
6	Open Elective Courses	OEC-EEE 501	A: AI & Machine Learning/ B: Computer Organization/ C: Industrial Automation I	3	0	0		3	3
7	Humanities and social sciences including Management	ESP(EE)501	Essential Studies For Professionals V	2	0	0		2	0.5
PRACTICAL									
8	Professional Core Courses	PCC-EEE 591	Electric Machine Laboratory-II	0	0	3		2	1
9	Professional Core Courses	PCC-EEE 592	Control System Lab	0	0	3		2	1
10	Professional Core Courses	PCC-EEE 593	Power Electronics Lab	0	0	3		2	1
11	Professional Elective Courses	PEC-EEE 591	A: Electric Vehicles Lab/ B: Renewable Lab & Non Conventional Energy	0	0	3		2	1
SESSIONAL									
12	Humanities and social sciences including Management	SDP581	Skill Development For Professionals V				2	2	0.5
13	Project, Seminar and Industrial Training	PW-EEE 03	Mini Project III				0	1	1
Value Added Courses									
14	Massive Open Online Courses (MOOCs)	MOOCS	Massive Open Online Courses (MOOCs)						
15	Industry and Foreign Certification (IFC)	IFC	Industry and Foreign Certification (IFC)						
16	Mandatory Additional Requirements (MAR)	MAR581	Mandatory Additional Requirements (MAR)						
Total Credit Points of Semester				16	4	12	2	31	24