

Electrical & Electronics Engineering									
B.Tech. 2nd Year Course Structure									
4th Semester									
Sl No	Type of Course	Subject Code	Subject Name	L	T	P	S	Total Contact	Credit Points
Theory									
1	Basic Science Course	BSM401	Mathematics IV	3	0	0		3	3
2	Professional Core Courses	PCC-EEE 401	Electric Machine-I	3	1	0		4	3
3	Professional Core Courses	PCC-EEE 402	Digital Electronic	3	0	0		3	3
4	Professional Core Courses	PCC-EEE 403	Electrical & Electronic Measurement	3	0	0		3	3
5	Professional Core Courses	PCC-EEE 404	CMOS Design	3	0	0		3	3
6	Mandatory Courses	MC 401	Environmental Science	2	0	0		2	0
7	Humanities and social sciences including Management	ESP401	Essential Studies For Professionals IV	2	0	0		2	0.5
PRACTICAL									
8	Professional Core Courses	PCC-EEE 491	Electric Machine-I Laboratory	0	0	2		2	1
9	Professional Core Courses	PCC-EEE 492	Digital Electronic Lab	0	0	2		2	1
10	Professional Core Courses	PCC-EEE 493	Electrical & Electronic Measurement	0	0	2		2	1
SESSIONAL									
11	Open Elective Courses	OEC-EEE481	A: Object Oriented Programming & Java Lab B: Programming using Python Lab	0	0	0	2	2	1
12	Humanities and social sciences including Management	SDP481	Skill Development For Professionals IV				2	2	0.5
13	Project, Seminar and Industrial Training	PW-EEE 02	Mini Project II				1	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)	MAR481	Mandatory Additional Requirements (MAR)						
Total Credit Points of Semester				19	1	6	5	31	21