

FACULTY OF SCIENCE & TECHNOLOGY
Syllabus Structure- 2017-18
Final year B.TECH (ELECTRICAL ENGINEERING)

Subject Code	SEMESTER-VII	Contact Hours / Week				Examination Scheme					Credits			Duration of Theory /Practical Exam
	Subject	L	T	P	Total	CT	TH	T W	P	Total	T	P	Total	
EE401	Switchgear and Protection	3	1	-	4	20	80	-	-	100	4	-	4	3 Hours
EE402	Advanced Control system	3	1	-	4	20	80	-	-	100	4	-	4	3 Hours
EE403	Power System Operation And Control	3	1	-	4	20	80	-	-	100	4	-	4	3 Hours
EE404	High Voltage Engineering	4	-	-	4	20	80	-	-	100	4	-	4	3 Hours
EE441-EE444	Elective -II	4	-	-	4	20	80	-	-	100	4	-	4	3 Hours
EE421	Lab I : Switchgear and Protection	-	-	2	2	-	-	50	50	100	-	1	1	NA
EE422	Lab II : Advanced Control system	-	-	2	2	-	-	50	50	100	-	1	1	NA
EE423	Lab III: Power System Operation And Control	-	-	2	2	-	-	50	-	50	-	1	1	NA
EE424	Lab IV : High Voltage Engineering	-	-	2	2	-	-	50	-	50	-	1	1	NA
EE425	Project-II	-	-	6	6	-	-	100	100	200	-	3	3	NA
	Total of semester-VII	18	02	14	34	100	400	300	200	1000	20	7	27	-

Subject Code	SEMESTER-VIII	Contact Hours / Week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	T W	P	Total	Credits	Duration of Theory /practical Exam
EE471	Inplant Training (IPT)*	-	-	-	-	-	-	300	300	600	27	NA
	Total of semester-VIII	-	-	-	-	-	-	300	300	600	27	-
	Grand Total of VII& VIII	18	02	14	34	100	400	600	500	1600	54	-

[Final Year –Electrical department]

L: Lecture hours per week **T:** Tutorial hours per week **P:** Practical hours per week **CT:** Class Test
TH: University Theory Examination **TW:** Term Work **P:** Practical/Oral Examination **NA:** Not
Applicable

Elective-II

- EE441. Utilization of Electrical Energy**
- EE442. Power Quality**
- EE443. Flexible AC Transmission System**
- EE444. Advanced Industrial Automation**

***After every two weeks of Inplant Training (IPT) student shall apprise the progress of training to the internalguide and get the required inputs.**