

**Course of Study and Scheme of Examination**  
**B.E. Electrical and Electronics Engineering**  
**SEMESTER – VII**

Scheme: BE (EX) July 2010

Implemented from academic session 2010-11

S.No	Course Code (New)	Name of course	Hours Per week				C R E D I T S	Distribution of Marks				
			L	T	P	C		Theory Exam	Practical Exam	Internal Assessment		Total
										MS T	TW	
1	EX701	Power System-II	3	1	2	6	100	50	20	30	50	200
2	EX702	Computer Applications to Power Systems	3	1	0	4	100	-	20	-	20	120
3	EX703	Digital Signal Processing	3	1	0	4	100		20		20	120
4	Refer Table below	Elective-I	3	1	-	4	100	-	20	-	20	120
5	Refer Table below	Elective-II	3	1	-	4	100	-	20	-	20	120
6	EX704	Major Project (Planning & Literature survey)	0	0	4	4	-	50	-	30	30	80
7	EX705	Industrial Training (two weeks)*	0	0	2	2	-	50	-	50	100	
8	EX706	Self-study	0	0	2	2	-	-	30	30	30	
9	EX707	Seminar/Group Discussion etc.	0	0	2	2	-	-	30	30	30	
10	EX708	Electrical Simulation Lab	-	-	2	2		50		30		80
Total			15	5	14	34	500	200	100	200	300	1000
ELECTIVE – I												
EX-7101	High Voltage Engg.	EX-7102	SCADA Systems and Applications				EX-7103	VLSI				
ELECTIVE – II												
EX-7201	EHV AC and DC Transmission	EX-7202	Optical Communication				EX-7203	Computer Networks				

\* Students will go for Industrial Training after VI semester in the summer vacations and will be assessed in VII semester.  
MST-Mid Semester Test, TW-Term Work

**Note :-** 1. Minimum strength of **Ten Students** is required to offer an Elective in the College in a particular Academic Session.

2. Choice of Elective Course ones made for an examination cannot be changed for future examinations.

W.e.f. :- July-2010

Academic Session-2010-11