

APPENDIX-C

FOUR YEAR B.E. DEGREE COURSE  
 BRANCH : ELECTRICAL & ELECTRONICS ENGINEERING  
 SEMESTER PATTERN  
 SEMESTER : FIFTH

ABBRIATIONS :-  
 S - Semester  
 EE- Electrical & Electronics

L : Theory Lecture  
 T : Tutorial  
 P : Practical

Sr. No.	Sub. Code	SUBJECT	Teaching Scheme			Examination Scheme							Grand Total		
			L	T	P	Theory			Practical						
	No.					Total Hours/Week	Duration of Papers (Hrs)	Max. Marks Theory Papers	Maximum Marks College Assessment	Total	Min. Pass Marks	Max. Marks	Max. Marks College Assessment	Total Marks	Minimum Pass Marks
1.	5SEE1	Industrial Organization	4	-	-	4	3	80	20	100	40	—	—	—	—
2.	5SEE2	Control Systems	4	-	2	6	3	80	20	100	40	25	25	50	25
3.	5SEE3	Electrical Machines-II	4	-	2	6	3	80	20	100	40	25	25	50	25
4.	5SEE4	Digital Electronics	4	-	2	6	3	80	20	100	40	25	25	50	25
5.	5SEE5	Electrical Power - I	4	-	-	4	3	80	20	100	40	—	—	—	—
6.	5SEE6	Communication Skills	2	2	-	4	2	40	10	50	20	—	—	—	—
TOTAL			22	2	6	30				550				150	700

SEMESTER : SIXTH

1.	6SEE1	Digital Signal Processing	4	1	-	5	3	80	20	100	40	-	-	-	-
2.	6SEE2	Electrical Power II	4	-	2	6	3	80	20	100	40	25	25	50	25
3.	6SEE3	Optimization Techniques	4	1	-	5	3	80	20	100	40	-	-	-	-
4.	6SEE4	Microprocessors & Microcontroller	4	-	2	6	3	80	20	100	40	25	25	50	25
5.	6SEE5	Power Electronics - I	4	-	2	6	3	80	20	100	40	25	25	50	25
TOTAL			20	2	6	28				500				150	650

L : Theory Lecture  
T : Tutorial  
P : Practical

APPENDIX-D  
FOUR YEAR B.E. DEGREE COURSE  
BRANCH : ELECTRICAL & ELECTRONICS ENGINEERING  
SEMESTER PATTERN  
SEMESTER : SEVENTH

ABBRIATIONS :-  
S - Semester  
EE- Electrical & Electronics

Sr. No.	Sub. Code	SUBJECT	Teaching Scheme			Examination Scheme							Grand Total		
			L	T	P	Theory		Practical							
	No.					Total Hours/Week	Duration of Papers (Hrs)	Max. Marks Theory Papers	Maximum Marks College Assessment	Total	Min. Pass Marks	Max. Marks	Max. Marks College Assessment	Total Marks	Minimum Pass Marks
1.	7SEE1	Utilization of Electrical Energy	4	-	2	6	3	80	20	100	40	25	25	50	25
2.	7SEE2	Electronic Communication	4	-	-	4	3	80	20	100	40	--	--	--	--
3.	7SEE3	Computer Organization	4	-	2	6	3	80	20	100	40	25	25	50	25
4.	7SEE4	Power Electronics - II	4	-	2	6	3	80	20	100	40	25	25	50	25
5.	7SEE5	Elective-I*	4	-	-	4	3	80	20	100	40	---	---	---	---
6.	7SEE6	Project & Seminar	-	-	2	2	-	-	-	-	--	----	--	--	--
TOTAL			20	-	8	28				500				150	650

SEMESTER : EIGHTH

1.	8SEE1	Power Systems Operation & Control	4	-	2	6	3	80	20	100	40	25	25	50	25
2.	8SEE2	Switchgear & Protection	4	1	-	5	3	80	20	100	40	-	-	-	-
3.	8SEE3	Embedded Systems	4	1	2	7	3	80	20	100	40	25	25	50	25
4.	8SEE4	Elective-II**	4	-	-	4	3	80	20	100	40	-	-	-	-
5.	8SEE5	Project & Seminar	-	-	6	6	-	--	--	--	--	75	75	150	75
TOTAL			16	2	10	28				400				250	650

\*Elective-I

1. Process Control Systems
2. Power System Simulation
3. High Voltage Engineering
4. Wind Electrical Systems

\*\*Elective-II

1. Power System Management
2. Fuzzy Logic & Control
3. RPC & Facts Controller
4. Power Quality