



Teaching & Examination Scheme

B.Tech. : Electronics & Communication Engineering

4th Year - VII Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	PEC		Program Elective								
		7EC5-11	VLSI Design	3	0	0	3	30	120	150	3
		7EC5-12	Mixed Signal Design								
		7EC5-13	CMOS design								
2	OE		Open Elective-I	3	0	0	3	30	120	150	3
			Sub Total	6	0	0		60	240	300	6
PRACTICAL & SESSIONAL											
3	PCC	7EC4-21	VLSI Design Lab	0	0	4	2	60	40	100	2
4		7EC4-22	Advance communication lab (MATLAB Simulation)	0	0	2	2	30	20	50	1
5		7EC4-23	Optical Communication Lab	0	0	2	2	30	20	50	1
6	PSIT	7EC7-30	Industrial Training	1	0	0		75	50	125	2.5
7		7EC7-40	Seminar	2	0	0		60	40	100	2
8	SODECA	7EC8-00	Social Outreach, Discipline & Extra Curricular Activities					0	25	25	0.5
			Sub Total	3	0	8		255	195	450	9
			TOTAL of VII SEMESTER	9	0	8		315	435	750	15

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment



Teaching & Examination Scheme
B.Tech.: Electronics & Communication Engineering
4th Year - VIII Semester

THEORY											
SN	Category	Course Code	Course Title	Contact hrs/week			Marks				Cr
				L	T	P	Exm Hrs	IA	ETE	Total	
1	PEC	Program Elective		3	0	0	3	30	120	150	3
		8EC5-11	Artificial Intelligence And Expert Systems								
		8EC5-12	Digital Image and Video Processing								
		8EC5-13	Adaptive Signal Processing								
2	OE		Open Elective-II	3	0	0	3	30	120	150	3
			Sub Total	6	0	0		60	240	300	6
PRACTICAL & SESSIONAL											
3	PCC	8EC4-21	Internet of Things (IOT) Lab	0	0	2	2	30	20	50	1
4		8EC4-22	Skill Development Lab	0	0	2	2	30	20	50	1
5	PSIT	8EC7-50	Project	3	0	0		210	140	350	7
6	SODECA	8EC8-00	Social Outreach, Discipline & Extra Curricular Activities						25	25	0.5
			Sub Total	3	0	4		270	205	475	9.5
		TOTAL of VIII SEMESTER		9	0	4		330	445	775	15.5

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