G. H. Raisoni College of Engineering and Management, Amravati
Scheme for B. E. (EXTC) Seventh and Eighth Semester

L : Theory Lecture
T : Tutorial
P : Practical
D : Drawing / Design

FOUR YEAR B.E. DEGREE COURSE
SEMESTER PATTERN
SEMESTER : SEVENTH
BRANCH : ELECTRONICS AND TELECOMMUNICATION

ABBRIVATIONS :-
S - SEMESTER PATTERN
U - ELECTRONICS & TELE.
L - INDUSTRIAL ELECTRONICS

Sr. No.	Sub. Code No.	SUBJECT	Teaching Scheme L	T	P/D	Total Hours/ Week	Examination Scheme: Theory Duration of Papers (Hrs)	Theory Maximum Marks	College Papers	Total Assessment	Min. Pass Marks	Practical Maximum Marks External	Internal	Total Marks	Mininum Passing Marks
1.	7SU1	Digital Communication	4	-	-	4	3	80	20	100	40	--	--	--	--
2.	7SUL2	Microprocessor Peripheral and Microcontroller	4	-	2	6	3	80	20	100	40	25	25	50	25
3.	7SU3	Digital Signal Processing	5	-	2	7	3	80	20	100	40	25	25	50	25
4.	7SUL4	Digital ICs & Design	4	1	2	7	3	80	20	100	40	25	25	50	25
5.	7SU5	Elective-I	4	-	-	4	3	80	20	100	40	--	--	--	--
6.	8SU5	Project & Seminar	-	-	2	2	-	--	--	---	--	--	--	--	--
		TOTAL	21	1	8	30				500				150	

GRAND TOTAL : 650

Elective-I : 1) Fuzzy Logic & Neural Network 2) Fibre Optic Communication 3) Biomedical Engineering
4) Process Control & Instrumentation 5) Robotics & Automation

SEMESTER : EIGHTH
BRANCH : ELECTRONICS AND TELECOMMUNICATION

Sr. No.	Sub. Code No.	SUBJECT	Teaching Scheme L	T	P/D	Total Hours/ Week	Examination Scheme: Theory Duration of Papers (Hrs)	Theory Maximum Marks	College Papers	Total Assessment	Min. Pass Marks	Practical Max. Marks External	Internal	Total Marks	Mininum Passing Marks
1.	8SU 1	UHF & Microwave	5	-	2	7	3	80	20	100	40	25	25	50	25
2.	8SU2	Electronic Circuit Design	4	1	2	7	3	80	20	100	40	25	25	50	25
3.	8SU3	Communication Network	5	-	-	5	3	80	20	100	40	—	—	—	—
4.	8SU4	Elective-II	5	-	-	5	3	80	20	100	40	—	—	—	—
5.	8SU5	*Project & Seminar	-	-	6	6	-	--	--	---	--	75	75	150*	75
		TOTAL	19	1	10	30				400				250	

GRAND TOTAL : 650

Elective-II :- 1) Digital Image Processing 2) Satellite Communication
3) Advanced Microprocessor 4) Wireless Communication

*8SU5 1. College Assessment a) Project 50} 75}
b) Seminar 25} } 150
2. University Oral Exam. 75}