



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

Semester : Fifth																
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME								
			HOURS / WEEK			Total HOURS/WE	CREDITS	THEORY				PRACTICAL				
			Lecture	Tutorial	P/D			DURATION OF PAPER (Hr.)	MAX. MARKS THEORY	MAX. MARKS COLLEGE	TOTAL	MIN. PASSING MARKS	MAX. MARKS		TOTAL	MIN. PASSING MARKS
EXTERNAL	INTERNAL															
THEORY																
01	5XT1	Electronic Devices & Circuits-II	4	1		5	5	3	80	20	100	40	-	-	-	-
02	5XT2	Power Electronics	4			4	4	3	80	20	100	40	-	-	-	-
03	5XT3	Control System Engineering	4	1		5	5	3	80	20	100	40	-	-	-	-
04	5XT4	Communication Engineering-II	4			4	4	3	80	20	100	40	-	-	-	-
05	5FEXT5	Free Elective- 1	4			4	4	3	80	20	100	40	-	-	-	-
06	5XT6	Communication Skills	2			2	2	2	40	10	50	20				
Free Elective - 1 : 1. Consumer Electronics 2. Fibre Optics																
PRACTICALS / DRAWING / DESIGN																
07	5XT7	Electronic Devices & Circuits-II Lab			2	2	1	-	-	-	-	-	25	25	50	25
08	5XT8	Power Electronics Lab			2	2	1	-	-	-	-	-	25	25	50	25
09	5XT9	Communication Engineering-II Lab			2	2	1	-	-	-	-	-	25	25	50	25
10	5XT10	Communication Skills Lab			2	2	1						15	10	25	12
TOTAL			22	2	8	32	28				550				175	
														TOTAL	725	
Semester : Sixth																
THEORY																
01	6XT1	Digital Integrated Circuits	4			4	4	3	80	20	100	40	-	-	-	-
02	6XT2	Linear Integrated Circuits	4	1		5	5	3	80	20	100	40	-	-	-	-
03	6XT3	Introduction to Microprocessors	4	1		5	5	3	80	20	100	40	-	-	-	-
04	6XT4	Digital Communication	4			4	4	3	80	20	100	40	-	-	-	-
05	6FEXT5	Free Elective -II	4			4	4	3	80	20	100	40	-	-	-	-
Free Elective - II : 1. Introduction to Wireless Technology 2. Electronic Test Instruments - Analog and Digital.																
PRACTICALS / DRAWING / DESIGN																
06	6XT6	Integrated Circuits Lab			2	2	1	-	-	-	-	-	25	25	50	25
07	6XT7	Introduction to Microprocessors Lab			2	2	1	-	-	-	-	-	25	25	50	25
08	6XT8	Digital Communication Lab			2	2	1	-	-	-	-	-	25	25	50	25
TOTAL			20	2	6	28	25				500				150	
														TOTAL	650	