FIFTH SEMESTER (ELECTRONICS ENGINEERING)

Sr. No	Subject	L	T	P	TOT	Internal Assessment		External Assessment (Examination)				Total Marks
						Theory	Practical	Theory		Practical		
		Periods/Week				Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
	Industrial Training	4 Weeks				-	25	-	-	25	3	50
5.1	Consumer Electronics and Troubleshooting	3	1	4	8	25	25	50	2.5	50	3	150
5.2	Microwave Communication	4	-	2	6	25	25	50	2.5	50	3	150
5.3	Advanced Microprocessor	4	-	4	8	25	25	50	2.5	50	3	150
5.4	Electronics in Industry	4	-	4	8	25	25	50	2.5	50	3	150
5.5	Digital Switching and Circuits	4	-	4	8	25	25	50	2.5	50	3	150
5.6	Process Control and Instrumentation	4	-	2	6	25	25	50	2.5	50	3	150
	General Proficiency #	-	-	4	4	-	25	-	-	-	-	25
	Industrial Exposure (Assessment at Inst. Level) +	-	-	-	-	-	25	-	-	-	-	25
	Total	23	1	24	48	150	225	300	-	325	-	1000

\#   General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS and cultural activities etc.

\+   Industrial visit compulsory to minimum 2 Industries or Departments.

    Note: 1- Each period will be 50 minutes.

              2- Each session will be of 16 weeks.

              3- Effective teaching will be at least 12.5 weeks.

SIXTH SEMESTER (ELECTRONICS ENGINEERING)

Sr. No	Subject	L	T	P	TOT	Internal Assessment		External Assessment (Examination)				Total Marks
						Theory	Practical	Theory		Practical		
		Periods/Week				Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Optical Fiber Communication	3	1	2	6	25	20	75	2.5	40	3	160
6.2	Mobile Communication	4	0	3	7	25	20	75	2.5	40	3	160
6.3	Microcontroller and Embedded System	4	0	4	8	25	20	75	2.5	40	3	160
6.4	Computer Networks	4	0	3	7	25	20	75	2.5	40	3	160
6.5	Programmable Logic Controller	4	0	4	8	25	20	75	2.5	40	3	160
6.6 **	Employable Skills	-	-	4	4	-	25	-	-	-	-	25
6.7	Major Project	-	-	4	4	-	50	-	2.5	75	-	125
	General Proficiency #	-	-	4	4	-	25	-	-	-	-	25
	Industrial Exposure (Assessment at Inst. Level) +	-	-	-	-	-	25	-	-	-	-	25
	Total	19	1	28	48	125	225	375	-	275	-	1000

**   Common with other Engineering diploma programmers.
#   General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS and cultural activities etc.
+   Industrial visit compulsory to minimum 2 Industries or Departments.

    Note: 1- Each period will be 50 minutes.
                2- Each session will be of 16 weeks.
                3- Effective teaching will be at least 12.5 weeks.