



Semester - 1

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03200101	Research Methodology	3	1	0	2	0	20	20	0	10	10	0	60	0	30	100
03212101	Real Time Embedded System Design	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212102	Cmos Circuit Design - I	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
	Elective - 1 (Compsory Subjects :1)	4	3	2	0	-	-	-	-	-	-	-	-	-	-	150
	Elective - 2 (Compsory Subjects :1)	4	3	2	0	-	-	-	-	-	-	-	-	-	-	150
	Total	19	13	8	2											700

Semester - 1 Elective - 1

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03204103	Advanced Digital Signal Processing	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212130	Electronic System Design	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212131	Foundation of Vlsi Cad	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150

Semester - 1 Elective - 2

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212133	Digital Vlsi Design	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212134	Industrial Control and Interfaces	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150



Semester - 1 Elective - 2

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212135	Optimization Techniques	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 2

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03200151	Seminar	2	0	0	2	0	0	50	0	0	25	0	0	0	0	50
03212151	Real Time Operating System Fundamentals	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212152	Cmos Circuit Design - II	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212153	Mini Project	7	0	0	7	0	40	0	0	20	0	0	60	0	30	100
	Elective - 3 (Complsoy Subjects :1)	4	3	2	0	-	-	-	-	-	-	-	-	-	-	150
	Elective - 4 (Complsoy Subjects :1)	4	3	2	0	-	-	-	-	-	-	-	-	-	-	150
	Total	25	12	8	9											750

Semester - 2 Elective - 3

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212180	Vlsi Circuits Testing and Verification	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212181	Advanced Microcontroller (Avr & Pic)	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212182	Vlsi Eda Tool	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150

Semester - 2 Elective - 4

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212183	Mixed Signal Controller	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150



Semester - 2 Elective - 4

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212184	Hardware Board Design With Pcb Routing	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150
03212185	Rf IC Design	4	3	2	0	20	20	20	10	10	-	60	30	30	15	150

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 3

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212201	Dissertaion Progress Review-I	8	0	0	8	0	0	40	0	0	20	0	60	0	30	100
03212202	Dissertation Part-I	15	0	0	15	0	0	80	0	0	40	0	120	0	60	200
	Total	23	0	0	23											300

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 4

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			Internal Passing Marks			Marks ESE		Marks Passing ESE		Total Marks
						T	P	CE	T	P	CE	T	P	T	P	
03212251	Dissertaion Progress Review-II	8	0	0	8	0	0	40	0	0	20	0	60	0	30	100
03212252	Dissertation Part-II	15	0	0	15	0	0	80	0	0	40	0	120	0	60	200
	Total	23	0	0	23											300

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 50 Practical Passing % : 50