

A proposed Curriculum structure for

M. E. Electronics (Digital Design)

Semester - I

Sr. No.	Name of the subject	Teaching Scheme			Examination Scheme		
		L	T	P	PT	TW	OE
1	Research Methodology	3	1	0	100	25	-
2	VLSI Design	3	0	2	100	25	-
3	Computer Communication Network	3	0	2	100	25	25
4	Modern Digital System Design	3	0	2	100	25	25
5	Elective-I A) Modern Digital Communication Techniques B) Applied Mathematics for Electronics Engg.	3	1	0	100	25	-
6	Seminar-I	0	0	2	-	50	50
		15	2	8	500	175	100

Semester – II

Sr. No.	Name of the subject	Teaching Scheme			Examination Scheme		
		L	T	P	PT	TW	OE
1	Digital System Design using VHDL	3	0	2	100	25	25
2	Electronics System Design	3	1	0	100	25	-
3	Digital Coding Techniques	3	1	0	100	25	-
4	Embedded System Design	3	0	2	100	25	25
5	Elective-II A) Soft Computing B) Global Tracking & Positioning System	3	1	0	100	25	-
6	Seminar –II	0	0	2	-	50	50
		15	2	6	500	175	100

Semester – III

Sr. No.	Name of the subject	Teaching Scheme			Examination Scheme		
		L	T	P	PT	TW	OE
1	Seminar –II	-	-	2	-	50	-
2	Dissertation Phase-I	-	-	4	-	100	-
		-	-	6	-	150	-

1. TW marks in Seminar III shall be based on the delivery of at least two seminars in a Semester III. The topic of both the Seminars shall be related to his/her dissertation topic.
2. T.W. marks for dissertation phase – I shall be based on the work carried out by the candidate based on his/her dissertation work in consultation with his/her guide.

This work may also include related software assignment, field work, Industrial training etc. as decided by guide. The student shall submit the monthly progress report to the department. The student shall deliver a presentation at the end of Semester – III based on the work.

Semester – IV

Sr. No.	Name of the subject	Teaching Scheme			Examination Scheme		
		L	T	P	PT	TW	OE
1	Dissertation Phase-II	-	-	5	-	100	200
		-	-	5	-	100	200

1. T.W. marks shall be based on the Seminar delivered by the Candidate based on his dissertation work.
2. *Dissertation phase – II Oral examination shall be based on the work carried out by the candidate in dissertation phase – I and phase – II