

Two Year Post Graduate Degree Course in Master of Engineering (Full-Time)
Digital Electronics

Appendix-C

First Semester																	
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK			Total HOURS	CREDITS	THEORY					PRACTICAL				
			Lecture	Tutorial	Practical			DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS		MAX. MARKS		TOTAL	MIN. PASSING MARKS
01	1UMEF1	DIGITAL INSTRUMENTATION	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
02	1UMEF2	ADVANCED DIGITAL SIGNAL PROCESSING	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
03	1UMEF3	ELECTIVE-I	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
04	1UMEF4	DIGITAL COMMUNICATION TECHNIQUES	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
05	1UMEF5	EMBEDED SYSTEM DESIGN	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
06	1UMEF6	DIGITAL COMMUNICATION TECHNIQUES-LAB.	0	0	2	2	1	-	-	-	-	-	-	25	25	50	25
07	1UMEF7	EMBEDED SYSTEM DESIGN-LAB.	0	0	2	2	1	-	-	-	-	-	-	25	25	50	25
TOTAL			20	0	4	24	22						500			100	
															TOTAL		600

Elective - I : 1) Modern Electronic Design Techniques 2) RF System Design 3) Computer Communication Network

Second Semester																	
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK			Total HOURS	CREDITS	THEORY					PRACTICAL				
			Lecture	Tutorial	Practical			DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS		MAX. MARKS		TOTAL	MIN. PASSING MARKS
01	2UMEF1	DIGITAL IMAGE PROCESSING	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
02	2UMEF2	CMOS VLSI DESIGN	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
03	2UMEF3	PARALLEL COMPUTING	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
04	2UMEF4	ARTIFICIAL INTELLIGENT SYSTEMS	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
05	2UMEF5	ELECTIVE-II	4	0	0	4	4	3	80	20	100	40	50	-	-	-	-
06	2UMEF6	DIGITAL IMAGE PROCESSING-LAB.	0	0	2	2	1	-	-	-	-	-	-	25	25	50	25
07	2UMEF7	CMOS VLSI DESIGN-LAB.	0	0	2	2	1	-	-	-	-	-	-	25	25	50	25
TOTAL			20	0	4	24	22						500			100	
															TOTAL		600

Elective - II : 1) Bio-Informatics 2) Micro Electro Mechanical System 3) High Speed Digital System Design

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Third Semester										
Sr. No.	Subject Code	Subject	Lecture	Tutorial	Practical	Total	CREDITS	INTERNAL MARKS	TOTAL	MIM. PASSING MARKS
01	3UMEF1	SEMINAR AND DISSERTATION	-	-	6	6	15	100	100	50
		TOTAL	-	-	6	6	15		100	
								TOTAL	100	

Fourth Semester											
Sr. No.	Subject Code	Subject	Lecture	Tutorial	Practical	Total	CREDITS	EXTERNAL MARKS	INTERNAL MARKS	TOTAL	MIM. PASSING MARKS
01	4UMEF1	SEMINAR AND DISSERTATION	-	-	12	12	30	200	100	300	150
		TOTAL	-	-	12	12	30			300	
								TOTAL		300	

GRAND TOTAL 1600

Semester III

Seminar : Seminar to be delivered on work completed during third semester. 50 internal marks out of 100 will be assessed by a Committee consisting of Head of Department, dissertation guide and subject expert appointed by Principal of the College / Head of University Department. Remaining 50 internal marks will be given by guide based on performance.

Dissertation : Title of the dissertation work to be submitted to the University on or before 15th Sept. (for regular examination) and 15th of February (for supplementary exam.).

Semester IV

Seminar : to be delivered on the complete work of dissertation. 50 internal marks out of 100 will be assessed by a Committee consisting of Head of Department, dissertation guide and subject expert appointed by Principal of the College / Head of University Department. Remaining 50 internal marks will be given by guide based on performance.

Note : Thesis of dissertation work must be submitted to the University on or before 30th April (for regular exam.) and 30th November (for supplementary exam.). Thesis of Dissertation work be submitted with late fee to the University upto 31 May (for regular exam.) and 31st December (for supplementary exam.). The late fee shall be charged as in case of Examination form.

Notes : 1. Student should fill the examination form in the begining of III semester jointly for III & IV semester.

2. Single marksheet for III & IV semester together will be given to the student.