

DELHI TECHNOLOGICAL UNIVERSITY
SCHEME OF TEACHING AND EVALUATION
MASTER OF TECHNOLOGY IN VLSI DESIGN & EMBEDDED SYSTEM (VLS)

The following alphanumeric coding scheme has been adopted

Core Courses XXXYMN

Elective Courses XXXYCMN

XXX abbreviates a particular M. Tech. program, Y – (5 for M. Tech. 1 st year, 6 for M. Tech. 2 nd year),

C – credit of the course (4/3/2),

MN – Subject code (Odd number for odd semester and even number for even semester courses)

Semester-I														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group A	1	VLS501	Analog IC Design	Core	4	3	0	2	15	25	20	40	-	17
	2	VLS503	Digital CMOS IC Design	Core	4	3	0	2	15	25	20	40	-	
Group B	3	VLS5401/5403/.....	Elective 1	Elective	4	3	0	2	15	25	20	40	-	
	4	VLS5301/5303/.....	Elective 2	Elective	3	3	0	0	20	-	30	50	-	
	5	VLS5201/5203/..... /UEC5201/5203/.....	Elective 3/ University Elective I	Elective	2	2	0	0	20	-	30	50	-	
Semester-II														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group C	1	VLS502	Embedded System Design	Core	4	3	0	2	15	25	20	40	-	17
	2	VLS504	Low power VLSI Design	Core	4	3	0	2	15	25	20	40	-	

Group D	3	VLS5402/5404/.....	Elective 4	Elective	4	3	0	2	15	25	20	40	-
	4	VLS5302/5304/.....	Elective 5	Elective	3	3	0	0	20	-	30	50	-
	5	VLS5202/5204/...../ UEC5202/5204/.....	Elective 6/ University Elective II	Elective	2	2	0	0	20	-	30	50	-

Semester-III

	S.No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits	
	Track 1													12	
Group E	1	VLS651	Research Project	Core	2 ¹	0		12	0	-	0	100	0		
	Track 2														
	1	VLS601	Major Project I	Core	3							40	60		12
	2	VLS6401/6403/.....	Elective 7	Elective	4	3	0	2	15	25	20	40	-		
	3	VLS6301/6303/.....	Elective 8	Elective	3	3	0	0	20	-	30	50	-		
4	VLS6201/6203/.....	Elective 9	Elective	2	2	0	0	20	-	30	50	-			

Semester-IV

	S.No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group F	Track 1													
	1	VLS652	Research Project	Core	2 ¹	0		12	0	-	0	100	0	12
	Track 2													

