

DELHI TECHNOLOGICAL UNIVERSITY
SCHEME OF TEACHING AND EVALUATION
MASTER OF TECHNOLOGY IN SIGNAL PROCESSING & DIGITAL DESIGN (SPD)

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. 1st year, 6 for M. Tech. 2nd 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	SPD501	Advanced Digital Signal Processing	Core	4	3	0	2	15	25	20	40	-	17
	2	SPD503	Image Analysis and Processing	Core	4	3	0	2	15	25	20	40	-	
Group B	3	SPD5401/5403/.....	Elective 1	Elective	4	3	0	2	15	25	20	40	-	
	4	SPD5301/5303/.....	Elective 2	Elective	3	3	0	0	15	25	20	40	-	
	5	SPD5201/5203/...../ UEC5201/5203/.....	Elective 3/ University Elective I	Elective	2	2/0	0	0/4	20/ 0	0/ 40	30/0	50/0	0/60	
Semester-II														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group C	1	SPD502	Pattern Analysis and Machine Intelligence	Core	4	3	0	2	15	25	20	40	-	17

1	SPD652	Research Project	Core	2	1	0	0	12	0	-	0	100	0	
Track 2													12	
1	SPD602	Major Project II	Core	2	1	0	0	12	0	-	0	100	0	

LIST OF ELECTIVES :													
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 1	1	SPD5401	Wireless communication	Elective	4	3	0	2	15	25	20	40	-
	2	SPD5403	Advanced Digital System Design + (concepts of Fault Tolerance)		4	3	0	2	15	25	20	40	-
	3	SPD5405	Analog Signal Processing		4	3	0	2	15	25	20	40	-
	4	SPD5407	Soft Computing		4	3	0	2	15	25	20	40	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 2	1	SPD5301	Digital Watermarking	Elective	3	3	0	0	20	-	30	50	-
	2	SPD5303	Wavelets in Signal Processing		3	3	0	0	20	-	30	50	-
	3	SPD5305	Advanced Computer Architecture		3	3	0	0	20	-	30	50	-
	4	SPD5307	Network Security & Cryptography		3	3	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
	1	SPD5201	SEMINAR		2	0	0	2	-	100	-	-	-

