

M.Tech. Signal Processing
Two-Year Programme
Academic Curriculum (2009 – 10 onwards)
First Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE***	ETE
	MA 511	Linear Algebra for Signal Processing	3	1	0	4	3	10	40	50
EC 547	Digital Signal Processing and Applications	3	1	0	4	3	10	40	50	
EC 549	Error Correcting Codes	3	1	0	4	3	10	40	50	
CS 509	Object Oriented Programming and Design	3	1	0	4	3	10	40	50	
	Elective I	4	0	0	4	3	10	40	50	
CS 529	Object Oriented Programming and Design Laboratory	0	0	4	2	2	20	40	40	
HS 501	Technical Communication (optional)***	2	0	0	2	2	10	40	50	
Sub Total		18	4	4	22/24	-	-			

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE***	ETE
	EC 548	Statistical Signal Analysis	3	1	0	4	3	10	40	50
EC 550	Digital Communication	3	1	0	4	3	10	40	50	
EC 552	Image Processing and Applications	3	1	0	4	3	10	40	50	
	Elective II	4	0	0	4	3	10	40	50	
	Elective III	4	0	0	4	3	10	40	50	
EC 526	Digital Signal Processing Lab.	0	0	4	2	2	20	40	40	
HS 501	Technical Communication (optional)***	2	0	0	2	2	10	40	50	
Sub Total		19	3	4	22/24	-	-			