

**DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING
ACADEMIC CURRICULUM**

M.Tech. (STEEL TECHNOLOGY)

Teaching Scheme					Contact Hours / Week			Exam. Duration (Hrs.)		Relative Weight age (%)				
S . N o .	Subject Code	COURSE TITLE	Subject Area Code	C R E D I T	L	T	P	T h e o r y	P r a c t i c a l	C W S	P R S	M T E	E T E	P R E
1st YEAR					I SEMESTER (AUTUMN)									
1	MTT-651	Advanced Steel Making Technology	PC	3	2	1	0	2	0	20	--	20	40	--
2	MT T-653	Structural Metallurgy of Ferrous Materials	PC	3	2	1	0	2	0	20	--	20	40	--
3	MTT-655	Advanced Solidification Processing of Steels	PC	3	2	1	0	2	0	20	--	20	40	--
4	MTT-657	Physical Metallurgy of Alloy Steels	PC	3	2	1	0	2	0	20	--	20	40	--
5	MTT-659	Mechanical Behavior of Steels	PC	3	2	1	0	2	0	20	--	20	40	--
6	MTP -661	Mechanical Property Evaluation Laboratory	PC	3	0	0	6	0	0	--	100	--	--	
Sub Total				18										
II SEMESTER (SPRING)														
1		Elective I	OE	3	2	1	0	2	0	20	--	20	40	--
2		Elective II	OE	3	2	1	0	2	0	20	--	20	40	--
3		Elective III	OE	3	2	1	0	2	0	20	--	20	40	--
4		Elective IV	OE	3	2	1	0	2	0	20	--	20	40	--
5		Elective V	OE	3	2	1	0	2	0	20	--	20	40	--
6		Elective VI	OE	3	2	1	0	2	0	20	--	20	40	--
Sub Total				18										
2nd YEAR					III SEMESTER (AUTUMN)									
1	MT S -701	Seminar	PC	4	--	--	8	--	--	--	60	--	--	40
2	MT D-705	Dissertation	PC	16	--	--	14	--	--	--	--	--	--	100
Sub Total				20										
IV SEMESTER (SPRING)														
1	MT D -706	Dissertation	PC	16	--	--	26	--	--	--	--	--	--	100
Total				36										