

DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING
ACADEMIC CURRICULUM
M.Tech. (Metallurgical and Materials Engineering)
W.E.F.....

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 - 601	Engineering Materials	PC	3	2	1	0	2	0	20	--	20 20	40	--
2	MTT - 603	Manufacturing Processes	PC	3	2	1	0	2	0	20	--	20p 20	40	--
3	MTT- 605	Metallurgy of Secondary Steel Making	PC	3	2	1	0	2	0	20	--	20 20	40	--
4	MTT- 607	Nanomaterials: Processing and Properties	PC	3	2	1	0	2	0	20	--	20 20	40	--
5	MTT- 609	Composite Materials	PC	3	2	1	0	2	0	20	--	20 20	40	--
6	MTP - 611	Metallurgical Lab.	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 20	40	--
2		Elective - II	OE	3	2	1	0	2	0	20	--	20 20	40	--
3		Elective - III	OE	3	2	1	0	2	0	20	--	20 20	40	--
4		Elective - IV	OE	3	2	1	0	2	0	20	--	20 20	40	--
5		Elective - V	OE	3	2	1	0	2	0	20	--	20 20	40	--
6		Elective - VI	OE	3	2	1	0	2	0	20	--	20 20	40	--
Sub Total				18										
2nd YEAR					III SEMESTER (AUTUMN)									
1	MT S- 701	Seminar	PC	4	--	--	8	--	--	--	60	--	--	40
3	MT D- 705	Dissertation	PC	16	--	--	14	--	--	--	--	--	--	100
Sub Total				20										
IV SEMESTER (SPRING)														
	MT D - 706	Dissertation	PC	16	--	--	26	--	--	--	--	--	--	100
Total				36										