

B. Tech. Curriculum for Metallurgical and Materials Engineering

SEMESTER-III

Name of the Subject	Type	Subject Code	L-T-P	Credit	Contact Hour
	HSS 2			3	3
Metallurgical Thermodynamics	DC 1	MM2L001	3-0-0	3	3
Transport Phenomena	DC 2	MM2L002	3-0-0	3	3
Structure of Materials	DC 3	MM2L003	3-0-0	3	3
Metal Processing	SDC 3	MM2L004	3-0-0	3	3
Thermodynamics and Kinetics of Materials Laboratory	Lab-4 (DC 1)	MM2P001	0-0-3	2	3
Metal Processing Laboratory	Lab-5 (DC 2)	MM2P002	0-0-3	2	3
Total				19	21

SEMESTER-IV

Name of the Subject	Type	Subject Code	L-T-P	Credit	Contact Hour
	HSS 3			3	3
Physical Metallurgy	DC 4	MM2L005	3-0-0	3	3
Computational Materials Engineering	DC 5	MM2L006	3-0-2	4	5
Nonferrous Extractive Metallurgy	DC 6	MM2L007	3-0-0	3	3
Mineral Processing	SDC 4	MM2L008	2-0-2	3	4
Process Control and Instrumentation Laboratory	Lab-6 (DC 3)	MM2P003	0-0-3	2	3
Physical Metallurgy Laboratory	Lab-7 (DC 4)	MM2P004	0-0-3	2	3
OE	OE 1			3	3
Total				23	27