

Registration Form for Enrollment in Even Semester for Session 2021-22 (Summer 2022)

(To be filled in **Blue Ink in Capital letters only**) Instruction: Please Tick appropriately and properly

Name : _____ Enrolment No. : _____

ID No. : _____ Name of Faculty Advisor : _____ Contact No. : _____

Current Address : _____

E-mail : _____ Parents No. : _____

B. Tech. in Metallurgical & Materials Engineering

IV Semester 20-21

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MML213	POLYMERIC MATERIALS	DC	3	G	Offered	YES/NO
2	MMP213	POLYMERIC MATERIALS	DC	1	G	Offered	YES/NO
3	MML214	THEORY & TECHNOLOGY OF HEAT TREATMENT	DC	3	F	Offered	YES/NO
4	MML215	TRANSPORT PHENOMENA	DC	3	E	Offered	YES/NO
5	MMP215	TRANSPORT PHENOMENA	DC	1	E	Offered	YES/NO
6	MML216	METALLURGICAL THERMODYNAMICS & KINETICS	DC	4	D	Offered	YES/NO
7	MML218	CERAMIC MATERIALS	DC	4	C	Offered	YES/NO
8	MMP219	THEORY & TECHNOLOGY OF HEAT TREATMENT	DC	1	F	Offered	YES/NO
Elective Courses (Any One)							
9	MML220	FUNDAMENTALS OF DEFECTS IN MATERIALS	DE	3	H	Offered	YES/NO
10	MML221	FUELS & FURNACES	DE	3		Not offered	
11	MML222	CAST IRON METALLURGY	DE	3	H	Offered	YES/NO
12	MML223	STRUCTURE OF MATERIALS	DE	3		Not offered	
Total Credits (DC + DE)				23			

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VI Semester 19-20

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MML374	CHARACTERISATION OF MATERIALS	DC	3	F	Offered	YES/NO
2	MMP374	CHARACTERISATION OF MATERIAL	DC	1	F	Offered	YES/NO
3	MML375	STEEL MAKING TECHNOLOGY	DC	4	G	Offered	YES/NO
4	MML382	SOLIDIFICATION PROCESSING & AFT	DC	3	H	Offered	YES/NO
5	MMP382	SOLIDIFICATION PROCESSING & AFT	DC	1	H	Offered	YES/NO
Elective Courses Group One (Any one)							
6	MML475	JOINING OF MATERIALS	DE	3	C	Offered	YES/NO
7	MMP475	JOINING OF MATERIALS	DE	1	C	Offered	YES/NO
8	MML383	LIGHT METAL ALLOYS	DE	3	C	Offered	YES/NO
9	MMP383	LIGHT METAL ALLOYS	DE	1	C	Offered	YES/NO
Elective Courses Group Two (Any two)							
10	MML355	PARTICULATE TECHNOLOGY	DE	3	D	Offered	YES/NO
11	MML384	ALLOY STEEL & HIGH TEMPERATURE ALLOYS	DE	3	D	Offered	YES/NO
12	MML385	HYDRO & ELECTRO METALLURGY	DE	3		Not offered	YES/NO
13	MML386	SEMICONDUCTOR TECHNOLOGY	DE	3		Not offered	YES/NO
14	MML389	FINANCIAL ENGINEERING	DE	3	B	Offered	YES/NO
Total Credits (DC + DE)				22			

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VIII Semester 18-19

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MMD402	PROJECT PHASE-II	DC	4	-	Offered	YES/NO
2	MML473	COMPOSITE MATERIALS	DC	3	E	Offered	YES/NO
3	MMP473	COMPOSITE MATERIALS	DC	1	E	Offered	YES/NO
Elective Courses (Any four)							
4	MML481	DEFORMATION BEHAVIOUR	DE	3		Not offered	YES/NO
5	MML486	FAILURE ANALYSIS	DE	3	D	Offered	YES/NO
6	MML487	CONTINUOUS CASTING OF STEELS	DE	3		Not offered	YES/NO
7	MML488	NANO MATERIALS	DE	3	G	Offered	YES/NO
8	MML489	SURFACE ENGINEERING	DE	3	C	Offered	YES/NO
9	MML491	HIGH TEMPERATURE CORROSION	DE	3	H	Offered	YES/NO
10	MML420	RURAL TECHNOLOGY	DE	3	B	Offered	YES/NO
Total Credits (DC + DE)				20			

Signature of Student

Date:

Signature of Faculty Advisor

Date:

A student must register the backlog courses first and then register for the current semester courses. A student can register for maximum SIX THEORY and FOUR PRACTICAL (including project) as credit courses, and maximum one audit course including all backlog course/(s), if any.

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M. Tech in (Materials Engg)

II Semester 21-22

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MML502	DESIGN & SELECTION OF MATERIALS	DC	3		Not offered	YES/NO
2	MML504	ADVANCED COMPOSITE MATERIALS	DC	3		Not offered	YES/NO
3	MML529	PHASE TRANSFORMATION	DC	3		Not offered	YES/NO
<i>Elective Courses (Any Three)</i>							
4	MML545	NON DESTRUCTIVE EVALUATION	DE	3			YES/NO
5	MMP545	NON DESTRUCTIVE EVALUATION	DE	1			YES/NO
6	MML524	PROCESS MODELING AND SIMULATION	DE	3			YES/NO
7	MMP524	PROCESS MODELING & SIMULATION	DE	1			YES/NO
8	MML504	ADVANCED COMPOSITE MATERIALS	DE	3			YES/NO
9	MML579	POWDER METALLURGY	DE	3			YES/NO
10	MML512	DEFORMATION BEHAVIOUR OF MATERIALS	DE	3			YES/NO
11	MML514	ALLOY AND SPECIAL STEEL	DE	3			YES/NO
12	MML516	BIOMATERIALS	DE	3			YES/NO
13	MML518	CORROSION PROCESS & CONTROL	DE	3			YES/NO

IV Semester 20-21

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MMD502	PROJECT PHASE-II	DC	9	-	Offered	YES/NO
				Total Credits (DC + DE)			

Signature of Student

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M. Tech in (Process Metallurgy)

II Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MML561	STEEL MAKING TECHNOLOGY	DC	3	C	Offered	YES/NO
2	MML562	NON FERROUS METAL EXTRACTION	DC	3	H	Offered	YES/NO
3	MMP562	NON FERROUS METAL EXTRACTION	DC	1	H	Offered	YES/NO
4	MML563	MECHANICAL BEHAVIOR AND PROCESSING	DC	3	B	Offered	YES/NO
5	MML564	MATERIALS CHARACTERIZATION	DC	3	G	Offered	YES/NO
6	MMP564	MATERIALS CHARACTERIZATION	DC	1	G	Offered	YES/NO
		<i>Elective Courses (Any Two)</i>					YES/NO
7	MML565	ALTERNATE IRON MAKING PROCESSES	DE	3		Not offered	YES/NO
8	MML568	CAST IRON	DE	3	F	Offered	YES/NO
9	MML579	POWDER METALLURGY	DE	3		Not offered	YES/NO
10	MML569	WELDING AND JOINING OF MATERIALS	DE	3	E	Offered	YES/NO
11	MML559	METALLURGICAL FURNACES AND FUELS TECHNOLOGY	DE	3		Not offered	YES/NO
12	MML513	CORROSION PROCESS AND CONTROL	DE	3	D	Offered	YES/NO
13	MML486	FAILURE ANALYSIS	DE	3		Not offered	YES/NO
14	MML523	SECONDARY PROCESSING OF LIQUID STEELS	DE	3	A	Offered	YES/NO
15	MML545	NON DESTRUCTIVE EVALUATION	DE	3	F	Offered	YES/NO
		Total Credits (DC + DE)		20			

IV Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MMD502	PROJECT PHASE-II	DC	9	-	Offered	YES/NO
		Total Credits (DC + DE)		9			

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