

## Registration Form for Enrollment in Even Semester for Session 2020-21 (Summer 2021)

(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 &amp; Materials Engineering

## IV Semester

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
		<b>ELECTIVE COURSES (ANY ONE)</b>					
9	MML220	FUNDAMENTALS OF DEFECTS IN MATERIALS	DE	3	H	Offered	YES/NO
10	MML221	FUELS & FURNACES	DE	3		Not offered	YES/NO
11	MML222	CAST IRON METALLURGY	DE	3	H	Offered	YES/NO
12	MML223	STRUCTURE OF MATERIALS	DE	3		Not offered	YES/NO
		<b>TOTAL CREDITS (DC + DE)</b>		23			

## VI Semester

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
		<b>ELECTIVE COURSES GROUP ONE (ANY ONE)</b>					
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
		<b>ELECTIVE COURSES GROUP TWO (ANY TWO)</b>					
10	MML355	PARTICULATE TECHNOLOGY	DE	3	D	Offered	YES/NO
11	MML384	ALLOY STEEL & HIGH TEMPERATURE ALLOYS	DE	3	E	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
		<b>TOTAL CREDITS (DC + DE)</b>		22			

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.

**Visvesvaraya National Institute of Technology, Nagpur**

**Registration Form for Enrollment in Even Semester for Session 2020-21 (Summer 2021)**

03-12-202

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Name : \_\_\_\_\_ Enrolment No. : \_\_\_\_\_

ID No. : \_\_\_\_\_ Name of Faculty Advisor : \_\_\_\_\_ Contact No. : \_\_\_\_\_

Current Address : \_\_\_\_\_

E-mail : \_\_\_\_\_ Parents No. : \_\_\_\_\_

**VIII Semester**

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
		<b>Elective Courses (Any four)</b>					
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	F	Offered	YES/NO
7	MML488	NANO MATERIALS	DE	3	G	Offered	YES/NO
8	MML489	SURFACE ENGINEERING	DE	3	C	Offered	YES/NO
8	MML491	HIGH TEMPERATURE CORROSION	DE	3	H	Offered	YES/NO
9	MML420	RURAL TECHNOLOGY	DE	3	B	Offered	YES/NO
		<b>Total Credits (DC + DE)</b>					

Signature of Student  
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**Visvesvaraya National Institute of Technology, Nagpur**  
**Registration Form for Enrollment in Even Semester for Session 2020-21 (Summer 2021)**

02-12-20

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**M. Tech in (Materials Engg)**

**II Semester**

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MML502	DESIGN & SELECTION OF MATERIALS	DC	3	H	Offered	YES/NO
2	MML529	PHASE TRANSFORMATION	DC	3	D	Offered	YES/NO
		<i>Elective Courses</i>					
3	MML545	NON DESTRUCTIVE EVALUATION	DE	3	G	Offered	YES/NO
4	MMP545	NON DESTRUCTIVE EVALUATION	DE	1	G	Offered	YES/NO
5	MML524	PROCESS MODELING AND SIMULATION	DE	3		Not offered	YES/NO
6	MMP524	PROCESS MODELING AND SIMULATION	DE	1		Not offered	YES/NO
7	MML504	ADVANCED COMPOSITE MATERIALS	DE	3	B	Offered	YES/NO
8	MML579	POWDER METALLURGY	DE	3		Not offered	YES/NO
9	MML512	DEFORMATION BEHAVIOUR OF MATERIALS	DE	3	F	Offered	YES/NO
10	MML514	ALLOY AND SPECIAL STEEL	DE	3	A	Offered	YES/NO
11	MML516	BIOMATERIALS	DE	3		Not offered	YES/NO
12	MML518	CORROSION PROCESS & CONTROL	DE	3	C	Offered	YES/NO
13	MML528	ADVANCED CERAMICS	DE	3		Not offered	YES/NO
14	MML535	FAILURE ANALYSIS OF ENGINEERING MATERIALS	DE	3		Not offered	YES/NO
15	MML546	WELDING AND JOINING	DE	3	E	Offered	YES/NO
16	MML550	DEFECT IN CRYSTALLINE MATERIALS	DE	3		Not offered	YES/NO
		<b>Total Credits (DC + DE)</b>					

**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

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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	D	Offered	YES/NO
5	MML564	MATERIALS CHARACTERIZATION	DC	3	G	Offered	YES/NO
6	MMP564	MATERIALS CHARACTERIZATION	DC	1	G	Offered	YES/NO
<b>Elective Courses</b>							
7	MML565	ALTERNATE IRON MAKING PROCESSES	DE	3		Not offered	YES/NO
8	MML568	CAST IRON	DE	3		Not 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	MML486	FAILURE ANALYSIS	DE	3		Not offered	YES/NO
13	MML518	CORROSION PROCESS & CONTROL	DE	3	C	Offered	YES/NO
14	MML523	SECONDARY PROCESSING OF LIQUID STEELS	DE	3	B	Offered	YES/NO
15	MML545	NON DESTRUCTIVE EVALUATION	DE	3			YES/NO
<b>Total Credits (DC + DE)</b>							

**IV Semester**

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1	MMD502	PROJECT PHASE-II	DC	9	-	Offered	YES/NO

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 Date:

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