

**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**

**National Institute of Technology Srinagar**

**Session: Autumn -2022**

**B. Tech 7<sup>th</sup> semester**

**Class Room: PF 6**



Day/Period	1 <sup>st</sup> 09:00 am – 10:00 am	2 <sup>nd</sup> 10:00 am – 11:00 am	3 <sup>rd</sup> 11:00 am – 12:00 pm	4 <sup>th</sup> 12:00 pm – 1:00 pm	Lunch 1:00 pm – 2:00 pm	5 <sup>th</sup> 2:00 pm – 3:00 pm	6 <sup>th</sup> 3:00 pm – 4:00 pm	7 <sup>th</sup> 4:00 pm – 5:00 pm
<b>Monday</b>	Phy Mett of Li Light Met and Alloys (PGR)	AMIM/TF /BD (SM/MME/IT)	NDT (NK)	Pollution and Environ. Sc. (MME)	<b>LUNCH</b>	SSM/AMP (PK/MME)	Project Preliminary Work (All faculty)	
<b>Tuesday</b>	Phy Mett of Li Light Met and Alloys (PGR)	AMIM/TF /BD (SM/MME/IT)	Polymer Tech. (YM)	Pollution and Environ. Sc. (MME)		SSM/AMP (PK/MME)	Lab Pract in NDT Group 1, AR)/ Lab Pract in Pol Tech (Group 2, YM)	
<b>Wednesday</b>		NDT (NK)	AMIM/TF /BD (SM/MME/IT)	Pollution and Environ. Sc. (MME)		SSM/AMP (PK/MME)	Lab Pract in NDT Group 2, AR)/ Lab Pract in Pol Tech (Group 3, YM)	
<b>Thursday</b>	AMIM/TF /BD (SM/MME/IT)	Polymer Tech. (YM)	Project Preliminary Work (All faculty)			SSM/AMP (PK/MME)	Lab Pract in NDT Group 3, AR)/ Lab Pract in Pol Tech (Group 1, YM)	
<b>Friday</b>	Phy Mett of Li Light Met and Alloys (PGR)	Polymer Tech. (YM)	NDT (NK)	Personal Interview (HSS)		Seminar (SM, NK, AM)		

SI. No.	Course Code	Course Name	Name of Faculty and Department
1	MMT 401	Non-destructive Testing and Evaluation	Dr. Nitika Kundan (MME)
2	MMT 402	Polymer Technology	Dr. Yashwant Mehta (MME)
3	MMT 403	Physical Metallurgy of Light Metals and Alloys	Dr. Prakash G Ranaware (MME)
4	MMT 404	Pollution and Environmental Science	MME
5	MMT 4010	Secondary Steel Making	Dr. Prvan Katiyar (MME)
	MMT 4012	Advanced Manufacturing Processes	MME
6	MMT 4014	Alternative Methods of Ironmaking	Dr. Srinibash Mishra (MME)
	MMT 4015	Thin Films	MME
	ITT 4048	Big Data	IT
7	HAS 4405	Personal Interview	HSS
8	MML 406	Lab. Practice in Non-destructive Testing	Dr. Atikur Rahman (MME)
9	MML 407	Lab. Practice in Polymer Technology	Dr. Yashwant Mehta (MME)
10	MMP 408	Project Preliminary Work	All Faculty
11	MMS 408	Seminar	Dr. Srinibash/Er. Aravi/ Dr. Nitika

**Time Table Incharge**

**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**

**National Institute of Technology Srinagar**

**Session: Autumn -2022**

**B. Tech 5<sup>th</sup> semester**

**Class Room: L 10**



Day/Period	1 <sup>st</sup> 09:00 am – 10:00 am	2 <sup>nd</sup> 10:00 am – 11:00 am	3 <sup>rd</sup> 11:00 am – 12:00 pm	4 <sup>th</sup> 12:00 pm – 1:00 pm	Lunch 1:00 pm – 2:00 pm	5 <sup>th</sup> 2:00 pm – 3:00 pm	6 <sup>th</sup> 3:00 pm – 4:00 pm	7 <sup>th</sup> 4:00 pm – 5:00 pm
<b>Monday</b>	FFR (PK)/Op. Res. (Math)/Princ. of Man. (HSS)	Foundry Techn. (IW)	Corrosion Engg. (AR)	Ironmaking (SM)	<b>Lunch</b>	Data Str. (VK)/Sim. using MATLAB and Python (IT)	Lab. Practice in Corrosion Engg. (AG, Gr. 1)/Foundry Tech. (IW, GR.2)/ Mech. Working of Mat. (AM, Gr.3)	
<b>Tuesday</b>	Mech. Working of Mat. (AM)	Foundry Techn. (IW)	Corrosion Engg. (AR)	Ironmaking (SM)			Lab. Practice in Corrosion Engg. (AG, Gr. 2)/Foundry Tech. (IW, GR.3)/ Mech. Working of Mat. (AM, Gr. 1)	
<b>Wednesday</b>	Mech. Working of Mat. (AM)	Quant. Appt. and Anal. Reason. (Math)	Corrosion Engg. (AR)	Foundry Techn. (IW)			Lab. Practice in Corrosion Engg. (AG, Gr. 3)/Foundry Tech. (IW, GR.1)/ Mech. Working of Mat. (AM, Gr. 2)	
<b>Thursday</b>	FFR (PK)/Op. Res. (Math)/Princ. of Man. (HSS))	Quant. Appt. and Anal. Reason. (Math)	Ironmaking (SM)	Mech. Working of Mat. (AM)		Data Str. (VK)/Sim. using MATLAB and Python (IT)		
<b>Friday</b>	Quant. Appt. and Anal. Reason. (Math)	FFR (PK)/Op. Res. (Math)/Princ. of Man. (HSS)	Ironmaking (SM)	Data Str. (VK)/Sim. using MATLAB and Python (IT)				

Sl. No.	Course Code	Course Name	Name of Faculty and Department
1	MMT 301	Corrosion Engineering	Dr. Atikur Rahman (MME)
2	MMT 302	Ironmaking	Dr. Srinibash Mishra (MME)
3	MMT 303	Foundry Technology	Dr. Irfan Samad wani (MME)
4	MMT 304	Mechanical Working of Materials	Ms. Aravi Muzaffar (MME)
5	MAT 305	Quantitative Aptitude and Analytical Reasoning	Math
6	MMT3 001/MAT 3002/HST 3003	FFR/Operation Res./Princ. of Management	Dr. Prvan/Math/HSS
7	CST 3049 /ITT 3048	Data Structures/Simulation using MATLAB and Python	Dr. Veningston/IT
8	MML 306	Lab. practice in Corrosion Engg.	Dr. Anshul Gupta (MME)
9	MML 307	Lab. Practices in Foundry Technology	Dr. Irfan Samad Wani (MME)
10	MML 308	Lab. Practices in Mech. Working of Materials	Ms. Aravi Muzaffar (MME)

**Time Table Incharge**

**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**

**National Institute of Technology Srinagar**

**Session: Autumn -2022**

**B. Tech 3<sup>rd</sup> semester**

**Class Room:**



Day/Period	1 <sup>st</sup> 09:00 am – 10:00 am	2 <sup>nd</sup> 10:00 am – 11:00 am	3 <sup>rd</sup> 11:00 am – 12:00 pm	Lunch 12:00 pm – 1:00 pm	4 <sup>th</sup> 1:00 pm – 2:00 pm	5 <sup>th</sup> 2:00 pm – 3:00 pm	6 <sup>th</sup> 3:00 pm – 4:00 pm	7 <sup>th</sup> 4:00 pm – 5:00 pm
<b>Monday</b>			Num. Tech. and Comp. Prog. (Math)	<b>LUNCH</b>	Thermodynamics of Materials (PGR)	Physical Metallurgy (IW)	Principles of Process Metall (NK)	Metall. and Instr. Anal. (Chem.)
<b>Tuesday</b>		Lab. Pract. in Phy Mett (Group 1, PK)/ Lab. Pract. in Thermo (Group 2, PGR)/ Lab. Pract. in Mett. and Instr. Anal. (Group 3, Chem)			EMD (MME)	Physical Metallurgy (IW)	Thermodynamics of Materials (PGR)	Metall. and Instr. Anal. (Chem.)
<b>Wednesday</b>		Lab. Pract. in Phy Mett (Group 2, PK)/ Lab. Pract. in Thermo (Group 3, PGR)/ Lab. Pract. in Mett. and Instr. Anal. (Group 1, Chem)			EMD (MME)	Thermodynamics of Materials (PGR)	Principles of Process Metall (NK)	Metall. and Instr. Anal. (Chem.)
<b>Thursday</b>		Lab. Pract. in Phy Mett (Group 3, PK)/ Lab. Pract. in Thermo (Group 1, PGR)/ Lab. Pract. in Mett. and Instr. Anal. (Group 2, Chem)			Num. Tech. and Comp. Prog. (Math)	EMD (MME)	Physical Metallurgy (IW)	Principles of Process Metall (NK)
<b>Friday</b>			Num. Tech. and Comp. Prog. (Math)		Thermodynamics of Materials (PGR)	EMD (MME)	Physical Metallurgy (IW)	Principles of Process Metall (NK)

Sl. No.	Course Code	Course Name	Name of Faculty and Department
1	MMT 201	Electronic, Magnetic and Dielectric Materials	MME
2	MMT 202	Thermodynamics of Materials	Dr. Prakash G Ranaware (MME)
3	MMT 203	Physical Metallurgy	Dr. Irfan Samad Wani (MME)
4	MMT 204	Principles of Process Metallurgy	Dr. Nitika Kundan (MME)
5	MMT 205	Metallurgical and Instrumental Analysis	Chemistry
6	MAT 207	Numerical Techniques and Computer Programming	Math
7	MML 206	Lab. Practice in Physical Metallurgy	Dr. Prvan Katiyar (MME)
8	MML 207	Lab. Practice in Thermodynamics	Dr. Prakash G Ranaware (MME)
9	MML 208	Lab. Practice in Metallurgical and Instrumental Analysis	Chemistry

**Time Table Incharge**