



**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**  
**National Institute of Technology Srinagar**

Session: Spring -2023  
 B. Tech 4<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>	Mech. Behaviour of Mat. (AM)	Kinetics of Mett. Processes (SM)	Non-fer. Met. Ext. (PK)	Phase Trans. and Heat Treatment (IW)	<b>LUNCH</b>	Mineral Dressing (KL)	Lab. Practice in Mech. Beh. of Mat. (AM, Batch 1)/ Lab. Practice in Powd. Mett. (NK, Batch 2)/ Practice in Min. Dressing (KL, Batch 3)	
<b>Tuesday</b>	Kinetics of Mett. Processes (SM)	Non-fer. Met. Ext. (PK)	Powder Mett. (NK)	Phase Trans. and Heat Treatment (IW)		Vocabulary and Group Discussion (IS, Batch 1)	Lab. Practice in Heat Treatment (IW, Batch 3)/ Lab. Practice in Min. Dressing (KL, Batch 2)/ Lab. Practice in Powd. Mett. (NK, Batch 1)	
<b>Wednesday</b>	Mech. Behaviour of Mat. (AM)	Kinetics of Mett. Processes (SM)	Phase Trans. and Heat Treatment (IW)	Mineral Dressing (KL)		Powder Mett. (NK)	Lab. Practice in Heat Treatment (IW, Batch 1)/ Lab. Practice in Powd. Mett. (NK, Batch 3)/	
<b>Thursday</b>	Mech. Behaviour of Mat. (AM)	Powder Mett. (NK)	Phase Trans. and Heat Treatment (IW)	Non-fer. Met. Ext. (PK)		Vocabulary and Group Discussion (IS, Batch 2)	Lab. Practice in Heat Treatment (IW, Batch 2)/ Lab. Practice in Mech. Beh. of Mat. (AM, Batch 3)	
<b>Friday</b>	Mech. Behaviour of Mat. (AM)	Kinetics of Mett. Processes (SM)	Mineral Dressing (KL)				Lab. Practice in Min. Dressing (KL, Batch 1)/ Lab. Practice in Mech. Beh. of Mat. (AM, Batch 2)	

**Name of Faculty and Department**

Dr. Irfan Samad Wani (MME)  
 Dr. Srimibash Mishra (MME)  
 Dr. Aravi Muzaffar (MME)  
 Dr. Prvan Katiyar (MME)  
 Dr. Nitika Kundan (MME)  
 Dr. Kiran Lata (MME)  
 Dr. Irfan Samad Wani (MME)  
 Dr. Aravi Muzaffar (MME)  
 Dr. Nitika Kundan (MME)  
 Dr. Kiran Lata (MME)  
 Dr. Insha (HSS)

**Course Name**

Phase Transformation and Heat Treatment, 3-1-0  
 Kinetics of Metallurgical Processes, 3-1-0  
 Mechanical Behaviour of Materials, 3-1-0  
 Non-Ferrous Metal Extraction, 3-0-0  
 Powder Metallurgy, 2-1-0  
 Mineral Dressing, 2-1-0  
 Lab. Practice in Heat Treatment, 0-0-2  
 Lab. Practice in Mechanical Behaviour of Materials, 0-0-2  
 Lab. Practice in Powder Metallurgy, 0-0-2  
 Lab. Practice in Mineral Dressing, 0-0-2  
 Vocabulary and Group Discussion, 0-0-2

**Course Code**

MMT 250  
 MMT 251  
 MMT 252  
 MMT 253  
 MMT 254  
 MMT 255  
 MML 256  
 MML 257  
 MML 258  
 MML 259  
 HAS 250

**Sl. No.**

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*Srimibash Mishra*  
**Time Table Incharge**

*HC*

HEAD  
 Metallurgical Engineering Department  
 National Institute of Technology  
 Hazrat Nizamuddin



**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**  
**National Institute of Technology Srinagar**

Session: Spring -2023

B. Tech 6<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>	Trans. Phen. in Mat. Engg. (PGR)	Materials Characterization (IW)	FA/EE/OOP/DAA (AR/FZ/JB/TW)	Steel Making (SM)	Lunch		Lab. Practice in Ceramic Tech. (SF, Batch 1)/ Lab. Practice in Mat. Char. (PK, Batch 2)/ Lab. Practice in Join. of Mat. (Batch 3, AG)		
<b>Tuesday</b>	Trans. Phen. in Mat. Engg. (PGR)	Materials Characterization (IW)	FA/EE/OOP/DAA (AR/FZ/JB/TW)	Joining of Materials (PGR)				Lab. Practice in Ceramic Tech. (YM, Batch 2)/ Lab. Practice in Mat. Char. (PK, Batch 3)/ Lab. Practice in Join. of Mat. (Batch 1, AG)	
<b>Wednesday</b>	Joining of Materials (PGR)	Ceramic Technology (YM)	FA/EE/OOP/DAA (AR/FZ/JB/TW)	Steel Making (SM)				Lab. Practice in Ceramic Tech. (YM, Batch 3)/ Lab. Practice in Mat. Char. (PK, Batch 1)/ Lab. Practice in Join. of Mat. (Batch 2, AG)	
<b>Thursday</b>	Trans. Phen. in Mat. Engg. (PGR)	Steel Making (SM)	FA/EE/OOP/DAA (AR/FZ/JB/TW)	Ceramic Technology (YM)			Joining of Materials (PGR)	Tour Training and Professional Interview (YM/AG/NK)	
<b>Friday</b>	Joining of Materials (PGR)	Ceramic Technology (YM)	Materials Characterization (IW)	Steel Making (SM)			OOP/DAA (JB/TW)		

**Sl. No. Course Code Course Name**

1	MMT 351	Ceramic Technology, 2-1-0
2	MMT 352	Materials Characterization, 2-1-0
3	MMT 353	Transport Phenomena in Materials Engg., 2-1-0
4	MMT 354	Steel Making, 3-1-0
5	MMT 355	Joining of materials, 3-1-0
6	MMT 006	Failure Analysis, 3-1-0
	HST 007	Entrepreneurship for Engineers, 3-1-0
	ITT 008	Object Oriented Programming with Java, 3-0-2
	CST 009	Design and Analysis Algorithm, 3-0-2
7	MML 356	Lab. practice in Ceramic Technology, 0-0-2
8	MML 357	Lab. practice in Materials Characterization, 0-0-2
9	MML 358	Lab. practice in joining of materials, 0-0-2
10	MMS 359	Tour training and professional interview, 0-0-2

**Name of Faculty and Department**

Dr. Yashwant Mehta (MME)
Dr. Irfan Samad Wani (MME)
Dr. Prakash G Ranaware (MME)
Dr. Srinibash Mishra (MME)
Dr. Prkash G Ranaware (MME)
Dr. Atikur Rahman (MME)
Dr. Fauzia (HSS)
Dr. Jasra Bhat (IT)
Dr. Tawseef (CSE)
Dr. Safaq (MME)
Dr. Prvan Katiyar (MME)
Dr. Anshul Gupta (MME)
YM/NK/AG (MME)

*Srinibash Mishra*  
**Time Table Incharge**

*AKC*  
**HEAD**  
**Metallurgical & Materials Engineering Department**

National Institute of  
**Hazratbal, Srinagar, J.K.**



**METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT**

**National Institute of Technology Srinagar**

**Session: Spring -2023**

**B. Tech 8<sup>th</sup> semester**

**Class Room: Departmental Seminar Hall**

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>	Major Project (All faculty)	Nano Mat. (AG)	High Temp. Mat. (SF)	Marketing Management (TW)	Lunch	Major Project (All faculty)		
<b>Tuesday</b>	Major Project (All faculty)	Nano Mat. (AG)	High Temp. Mat. (SF)	Marketing Management (TW)		Major Project (All faculty)		
<b>Wednesday</b>	Major Project (All faculty)	Nano Mat. (AG)	High Temp. Mat. (SF)	Marketing Management (TW)		Major Project (All faculty)		
<b>Thursday</b>	Major Project (All faculty)	Nano Mat. (AG)	High Temp. Mat. (SF)	Marketing Management (TW)		Major Project (All faculty)		
<b>Friday</b>	Major Project (All faculty)							

**Name of Faculty and Department**

- Dr. Safaq (MME)
- Dr. Anshul Gupta (MME)
- Dr. Tahir Wani (HSS)
- All Faculty

*Handwritten signature*

**HEAD**  
 Metallurgical and Materials Engineering Department  
 National Institute of Technology Srinagar  
 Hazratbal, Srinagar, Jammu & Kashmir-190006

*Scimlabsh M. S. G.*  
**Time Table Incharge**