

**Department of Materials Science & Engineering  
Indian Institute of Technology Kanpur**

**Course Allocation for 2019-20 Sem I**

S. No.	Name of Faculty Member	19-20 Sem I
<b>UG Compulsory courses</b>		
1	ESO205: Nature & Properties of Materials	G
2	TA201: Manufacturing Processes	AU
3	MSE201: Thermodynamics & Phase Equilibria	KK
4	MSE300: Professional and Technical Communication	TM
5	MSE301: Phase Transformation	RM
6	MSE302: Mechanical Behaviour of Materials	ShS
7	MSE303: Electronic & Magnetic Properties of Materials	SB
8	MSE311: Physical Metallurgy Lab	AG
9	MSE313: Mechanical Behavior Lab	NG
<b>PG Compulsory Courses (Not Open to UG)</b>		
10	MSE615: Structure and Characterization of Materials	MK
11	MSE626N: Transport Phenomena	DM
<b>UG / PG Electives (Devices and Bio-Engineering Stream)</b>		
12	MSE628: Electronic Devices & Characterization**	SI
13	MSE693: Materials Science Applications in Life Sciences**	KaB
<b>UG / PG Electives (Structure-Characterization-Property)</b>		
14	MSE642: Microscopy and Microanalysis of Materials	AS
15	MSE658: Dislocations and Plasticity	SS
16	MSE694: Nanostructures and Nanomaterials: Characterization and Properties	KrB
<b>UG / PG Electives (Metal Processing Stream)</b>		
17	MSE659: Powder Metallurgy	AU
18	MSE670: Solidification Processing	KM
19	MSE671: Heat Treatment and Surface Hardening	SSS
<b>Departmental Electives (Open for both UG and PG Students)</b>		
20	MSE622A : Optical Spectroscopy in Materials Science	AnG
21	MSE664 : Solid State Ionics	SO
22	MSE678 : Steel Plant's Technologies, Operations & Equipment	AKS & BBA
<b>Tutors and other courses</b>		
22	MSE690, MSE691	KaB
23	MSE699, MSE799	DPGC
24	UGP	DUGC
25	Tutors	<b>MSO203B</b> (AnG) <b>TA201</b> (AU, VV, AKS, KM, TBA) <b>ESO205</b> : (SS, SSS, SKJ, SO, tutor from Chem Eng.)

\*\* Course is offered as a minor

# MSE Department Time Table 2019-20 Sem I

Day	Semester	8:00-8:50	9:00-9:50	10:00-10:50	11:00-11:50	12:00-12:50	14:00-14:50	15:00 – 15:50	16:00 – 16:50	17:10-18:00
<b>M</b>	3 <sup>rd</sup>	HSS-I	MSO203b	ESO202	ESO205A	MSE201	ESO205 LAB. [D6(28), D7(7)] [14:00 – 16:50] TA201A LAB (C3, C4, C15, others)			
	5 <sup>th</sup>	MSE303	DE-1/ PG-2 [9:00 – 10:15] (MSE642)		ESO208	DE-3				OE-1 HSS-II (1)
	7 <sup>th</sup>	OE-7		DE-2/ PG-3 [10:35 – 11:50] (MSE694)	PG-4 [12:00 – 13:15] (MSE622)		DE-4/ PG-13 [14:00 – 15:15] (MSE664)	OE-5 DE-5 [15:35-16:50]		
	9 <sup>th</sup> / PG	DE-7/PG-1 (MSE678)					PG-14 (MSE659)	PG-11	PG LAB.	
<b>T</b>	3 <sup>rd</sup>		TA201A (L)				ESO205 LAB. [D8(14), D5(MSE=13)] [14:00 – 16:50] TA201A LAB [C8, C9, C13, others)			
	5 <sup>th</sup>	MSE302	MSE303	MSE300 [10:00 – 11:50]		HSS-II (2)	#MSE311 LAB. (G2) [14:00 – 16:50] #MSE313 LAB. (G1) [14:00 – 16:50]			MSE301
	7 <sup>th</sup>		OE-7 DE-7/PG-1 (MSE678)	PG-11 (MSE615)	PG-12 (MSE671)		PG-8 (MSE626N)	OE-5 DE-5 [14:00 – 15:15]	OE-6 DE-6/ PG-15 [15:35-16:50]	
	9 <sup>th</sup> / PG	PG-10 (MSE658)								PG-14 (MSE659)
<b>W</b>	3 <sup>rd</sup>	HSS-I	MSO203b	ESO202	ESO205A	MSE201	ESO205 LAB. [D7(21), D8(14)] [14:00 – 16:50] TA201A LAB (C5, C6, C7)			
	5 <sup>th</sup>	MSE302	OE-2 [9:00 – 10:15] (MSE693)		ESO208	HSS-II (2)  DE-8 OE-8 [12:00 – 13:15]  DE (T) OE (T)	OE (T) DE (T)			OE-1 HSS-II (1)
	7 <sup>th</sup>			OE-3 [10:35 – 11:50] (MSE628)						
	9 <sup>th</sup> / PG	PG-10 (MSE658)	PG-5 ()	DE/ PG-6 ()		PG-7 PG (T)	PG-8 (MSE626N) PG (T)	PG-11 (MSE615)	PG-12 (MSE671)	PG-9 (MSE690, MSE691) [17:10 – 19:00]
							PG LAB.			
<b>TH</b>	3 <sup>rd</sup>	HSS-I	MSO203b	ESO202	ESO205A (Tut)	MSE201 (Tut)	ESO205A LAB (O4, CHE 5 <sup>th</sup> Sem only) TA201A LAB (C1, C2, C14) TA202 LAB. (D5, D6) [14:00 – 16:50]			
	5 <sup>th</sup>	MSE302	DE-1/ PG-2 [9:00 – 10:15] (MSE642)		ESO208	DE-3 [12:00 – 13:15]	#MSE311 LAB. (G1) [14:00 – 16:50] #MSE313 LAB. (G2) [14:00 – 16:50]			MSE301
	7 <sup>th</sup>			DE-2/ PG-3 [10:35 – 11:50] (MSE694)	PG-4 (MSE622)		OE-4 [14:00 – 15:15]	OE-6 [15:35-16:50]		OE (T) DE (T)
	9 <sup>th</sup> / PG	PG-10 (MSE658)						DE-4/ PG-13 (MSE664)	DE-6/ PG-15 (MSE670)	
							PG LAB.			
<b>F</b>	3 <sup>rd</sup>	HSS-I	MSO203b	ESO202	ESO205A	MSE201	ESO205A LAB (O5, CHE 5 <sup>th</sup> Sem only) TA201A LAB (C10, C11, C12) TA202 LAB (D7, D8) [14:00 – 16:50]			
	5 <sup>th</sup>	MSE303	OE-2 [9:00 – 10:15] (MSE693)		ESO208	HSS-II (2)  DE-8 OE-8 [12:00 – 13:15]  DE (T) OE (T)	OE (T) DE (T)			OE-1 HSS-II (1)
	7 <sup>th</sup>	OE-7 DE-7 ()		OE-3 [10:35 – 11:50] (MSE628)						
	9 <sup>th</sup> / PG	PG-1 MSE678	PG-5 ()	PG-6 ()		PG-8 (MSE626N) PG (T)	PG-7 PG (T)	PG-11 (MSE615)	PG-12 (MSE 671)	PG-9 (MSE690, MSE691) [17:10 – 19:00]
							PG LAB.			