$MSE\ Department$ $3^{rd}\ /\ 5^{th}\ /\ 7^{th}\ and\ PG\ (odd)\ Semester\ Time\ Table$ Section for $3^{rd}\ Semester\ Courses\ MSE:\ D5(13),\ D6(28),\ D7(28),\ D8(13)$

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
	3 rd	HSS-I	MSO203b	ESO	202	ESO205A	MSE201		ESO205 LAB. [D6(28), D7(7)] [14:00 – 16:50] TA201A LAB (C3, C4, C15, others)		
	5 th	MSE303				ESO208			(32) 2) 2	,	•
M	7 th	OE-7	DE-1/PG-2 [9:00 – 10:1:	5]		E-2/ PG-3	DE-3	DE-4/ PG-13 [14:00 – 15:13 (MSEYYY:	5]	OE-5 DE-5 ::35-16:50]	OE-1 HSS-II (1)
	9 th / PG	DE-7/PG-1 (MSE629A)	(MSE642)			:35 – 11:50] (MSE694)	PG-4 [12:00 – 13:15] (MSE673A)	Ironmaking fr RaS)	(1	PG-14 MSE659) LAB.	PG-11
	and						(NISEO7511)	ESO205 I	AB. [D8(14), D5(N		
	3 rd		TA201A (L)					TA201A	[14:00 – 16:50] LAB [C8, C9. C13	s, others)	
	5 th	MSE302	MSE303	MSI	E300 [1	0:00 - 11:50]			LAB. (G2) [14:00 LAB. (G1) [14:00		MSE301
T	7 th						HSS-II (2)	OE-5 DE-5		OE-6	OE (T) DE (T)
	9 th / PG	PG-10	OE-7 DE-7/PG-1 (MSE629A)	PG-	-11	PG-12	PG-8	[14:00 – 15:1: PG-14 (MSE659)	DF [15	C-6/ PG-15 (:35-16:50] MSE670)	PG-7 (PGE5)
		(MSE658)		(MSE	615)	(MSE671)	(MSE626N)	(111021003)	PG	LAB.	PG (T)
	3 rd	HSS-I	MSO203b	ESO	202	ESO205A	MSE201		95 LAB. [D7(21), D [14:00 – 16:50] 01A LAB (C5, C6,	08(14)]	
	5 th	MSE302				ESO208	HSS-II (2)	1122			l
W	7 th		OE-2 [9:00 – 10: (MSE693	-	OE-3		DE-8 OE-8 [12:00 – 13:15]	OE (T) DE (T)			OE-1 HSS-II (1)
					_	0:35 – 11:50] (MSE628)	DE (T) OE (T)				
	9 th / PG	PG-10 (MSE658)	PG-5 (MSEXX film course fro		DE/	PG-6 (MSE615)	PG-7 (PGE5) PG (T)	PG-8 (MSE626N) PG (T)	PG-11 ()	PG-12 (MSE690/MS E691)	PG-9 (MSE671) [17:10 – 19:00]
	3 rd	HSS-I	MSO203b	ESO	202	ESO205A	MSE201 (Tut)		LAB (O4, CHE 5 th 1A LAB (C1, C2,	Sem only)	
	z th	1100-1	141502030	Loo	202	(Tut)	141512201 (141)	TA202 LA	AB. (D5, D6) [14:00 LAB. (G1) [14:00	0 – 16:50]	
	5 th	MSE302				ESO208	DE-3	#MSE313	B LAB. (G2) [14:00		MSE301
TH	7 th		DE-1/PG-2 [9:00 – 10:1:		n	E-2/ PG-3	[12:00 – 13:15]	OE-4 [14:00 – 15:15	J)E-6	OE (T) DE (T)
	9 th / PG	PG-10 (MSE658)	(MSE642)	-	[10	:35 – 11:50] MSE694)	PG-4 (MSE673A)	DE-4/ PG-13 (MSEYYY: Ironmaking fr RaS)	om DE-6/ Po	5-16:50] G-15 (MSE670)	PG-12 PG (T)
								ESO205A	LAB (O5, CHE 5 th	LAB. Sem only)	
	3 rd	HSS-I	MSO203b	ESO	202	ESO205A	MSE201	TA201	A LAB (C10, C11 AB (D7, D8) [14:00	, C12)	
	5 th	MSE303	OE-2			ESO208	HSS-II (2)				
F	7 th	OE-7 DE-7	[9:00 – 10:	OE-2 [9:00 – 10:15] (MSE693)		OE-3 0:35 - 11:50]	DE-8 OE-8 [12:00 – 13:15] DE (T)	OE (T) DE (T)			OE-1 HSS-II (1)
	9 th / PG	PG-1 (MSE629A)	PG-5 (MSEXX film course fro			(MSE628) G-6 (MSE615)	OE (T) PG-8 (MSE626N) PG (T)	PG-7 (PGE5) PG (T)	PG-11 ()	PG-12 (MSE 690/MSE691)	PG-9 (MSE671) [17:10 – 19:00]

DE, OE and PG courses to be scheduled by the Department in the respective slots provided and strictly as per given instructions

Odd Semester: Slot Assignments

OE-1: SE-1	Lec. MWF17:00;
OE-2 / DE:	Lec. WF9:00 – 10:15;
OE-3 / DE:	Lec. WF10:35 – 11:50;
OE-4:	Lec. MTh14:00 – 15:15;
OE-5:	Lec. M15:35 – 16:50, T14:00 – 15:15;
OE-6:	Lec. WF15:35 – 16:50;
OE-7: SE-2	Lec. MF8:00, T9:00;
OE-8*:	Lec. WF12:00 – 13:15;
OF (T).	Tut. WF12:00; WF14:00; TTh17:10 (use only for
OE (T):	Tutorial not for Lecture
DE-1:	Lec. MTh9:00 – 10:15;
DE-2:	Lec. MTh10:35 – 11:50
DE-3:	Lec. MTh12:00 – 13:15
DE-4:	Lec. MTh14:00 – 15:15;
DE-5:	Lec. M15:35 – 16:50, T14:00 – 15:15;
DE-6:	Lec. WF15:35 – 16:50;
DE-7:	Lec. MF8:00, T9:00;
DE-8*:	Lec. WF12:00 – 13:15;
DE (T).	Tut. WF12:00; WF14:00; TTh17:10 (use only for
DE (T):	Tutorial not for Lecture

*OE-8 and DE-8 Clashes with HSS-II (1) and OE (T) / DE (T) Slots

PG-1:	Lec. MF8:00, T9:00;
PG-2:	Lec. MTh9:00 – 10:15;
PG-3:	Lec. MTh10:35 – 11:50
PG-4:	Lec. MTh12:00 – 13:15
PG-5:	Lec. WF9:00 – 10:15;
PG-6:	Lec. WF10:35 – 11:50;
PG-7*:	Lec. T17:10, W12:00, F14:00
PG-8*:	Lec. TF12:00, W14:00
PG-9:	Lec. WF17:10 – 18:25
PG-10:	Lec. TWTh8:00
PG-11 (4-hr Slot):	Lec. M17:10, T10:00, WF15:00
PG-12 (4-hr Slot):	Lec. T11:00, WF16:00, Th17:10
PG-13:	Lec. MTh14:00 – 15:15
PG-14:	Lec. M15:35 – 16:50, T14:00 – 15:15;
PG-15:	Lec. WF15:35 – 16:50;
DC (T):	Tut. WF12:00; WF14:00; TTh17:10 (use only for
PG (T):	Tutorial not for Lecture
PG LAB.:	MTWThF14:00 – 17:50;

*PG-7 and PG-8 Clashes with PG(T) slots

OE: Open Elective/Minor Course Slots;

OE (T): Open Elective Tutorial Slots;

DE: UG Departmental Elective Slots;

DE (T): Departmental Elective Tutorial Slots;

PG: PG Slots;

PG(T): PG Slots that can be used for PG tutorials

HSS-II: Humanities Courses; PG LAB.: PG Laboratory Slots;

DE, OE and PG courses to be scheduled by the Department in the respective slots provided and strictly as per given instructions

Department of Material Science and Engineering: Schedule of Odd Semester Courses

UG Compulsory Courses (D)									
S.	Course	T.T	Schedule Schedule						E-mail
No.	No.	Units	Course Title	Instructor	Slot	Lecture	Tutorial	Laboratory	
1.	MSE201	3-1-0-0 (09)	Thermodynamics and Phase Equilibrium	KK	3-1	MWF12:00	Th12:00	-	kkaustub@
2.	MSE300	0-0-2-0 (02)	Material Science and Engineering Communication Skills	SB	SLOT-7		T10:00		bsomnath @
3.	MSE301	2-0-0-0 (06)	Phase Transformations	RM	SLOT-6	TTh17:10	-		rajdipm@
4.	MSE302	3-0-0-0 (09)	Mechanical Behaviour of Materials	SS	SLOT-1	TWTh8:00			sangals@
5.	MSE303	3-0-0-0 (09)	Electronic and Magnetic Properties of Materials	MK	SLOT-2	MF8:00, T9:00	1	-	mk@
6.	MSE311	0-0-3-0 (03)	Physical Metallurgy Laboratory	SSS	-		1	T/Th14:00	sudhanss@
7.	MSE313	0-0-3-0 (03)	Mechanical Behavior Laboratory	ShS	1		1	T/Th14:00	shashank@
8.	ESO205	3-1-3-0 (14)	Nature and Properties of Materials	AU		MWF 11:00	Th 11:00	M/T/W/Th/F 14:00	anishu@
9.	TA201	1-0-3-0 (06)	Introduction to Manufacturing Processes	NC		Т9:00		M/T/W/Th/F 14:00	nchawake @

PG Compulsory Courses [NOT open to UG]								
S. No.	Course No.	Units	Course Title	Instructor	Slot	Lecture	E-mail	
1	MSE615	3-0-0-0 (9)	Structure and Characterization of Materials	AS	PG-11	T10:00, WF15:00	anandh@	
2	MSE626N	3-0-0-0 (9)	Transport Phenomena	AM	PG-8	TF12:00, W14:00	arunabhm @	

UG/PG Electives (Devices and Bio-Engineering Stream)								
S. No.	Course No.	Units	Course Title	Instructor	Slot	Lecture	E-mail	
1	MSE628	3-0-0-0 (9)	Electronic Devices and	DG	OE-3/	WF10:35 -	saboo@	
			Characterization		PG-6	11:50		
2	MSE693	3-0-0-0 (9)	Materials Science Technologies	VV	OE-2/	WF9:00 -	vverma	
			for Applications in Life Sciences		PG-5	10:15	@	

UG/PG Electives (Structure-Characterization-Property Stream)								
S. No.	Course No.	Units	Course Title	Instructor	Slot	Lecture	E-mail	
1	MSE642	3-0-0-0 (9)	Microscopy and Microanalysis	KrB	DE-1/	MTh9:00 -	kbiswas@	
					PG-2	10:15		
2	MSE658	3-0-0-0 (9)	Dislocation and Plasticity	NB	PG-10	TWTh8:00	nbadwe@	
2	MCECOA	2.0.0.0(0)		T/D	DE 2/) (TEL 10.25	11 1 10	
3	MSE694	3-0-0-0 (9)	Nanostructures and	KB	DE-2/	MTh10:35	kbalani@	
			Nanomaterials: Characterization		PG-3	- 11:50		
			and Properties					

UG/PG Electives (Metal Processing Stream)								
S. No.	Course No.	Units	Course Title	Instructor	Slot	Lecture	E-mail	
1	MSE659	3-0-0-0 (9)	Powder Metallurgy	SKJ	OE- 5/DE- 5/PG14	M15:35 – 16:50, T14:00 – 15:15	skjha@	
2	MSE670	3-0-0-0 (9)	Solidification Processing & Joining	AKS	DE-6/ PG-15	TTh 15:35- 16:50	amarendra @	
3.	MSE671	3-0-0-0 (9)	Heat Treatment and Surface Hardening	KM	PG-12	T11- 11:50, WF 16- 16:50	kallol@	

Other UG/PG Electives										
[List all Co	[List all Courses (including OE and PG courses) declared as Departmental Electives]									
S. No.	Course No.	Units	Course Title	Instructor	Slot	Lecture	E-mail			
1	MSE629A	3-0-0-0 (9)	Modelling of steel making process	DM	PG-1	MF8:00,	dipak@			
						T9:00				
2	MSE673A	3-0-0-0 (9)	Fundamental and Application of	SO	PG-4	MTh12:00	somar@			
			Electrochemistry		rG-4	- 13:15				
3	MSEXXX	3-0-0-0 (9)	Nanocomposite Thin Films and	SM	PG-5	WF9:00 -	shikharm			
			Applications			10:15	@			
4	MSEYYY	3-0-0-0 (9)	Advanced Concepts in Ironmaking	RaS	PG-13	MTh14:00	rsarkar@			
						- 15:15				

S. No.	Course	Course Title	Instructor	Slot	Email
	Number				
1	MSE690	Seminar Participation	SI, NPG	PG-9	sarang@
				WF17:10 – 19:00	npgurao@
2	MSE691	Seminar Presentation	SI, NPG	PG-9	sarang@
				WF17:10 – 19:00	npgurao@
3	MSE699	Masters Thesis	DPGC		
4	MSE799	PhD thesis	DPGC		
5	UGP	Undergraduate Project	DUGC		