

Indian Institute of Technology Kharagpur
Central Time Table
Autumn Semester (2020– 2021)

Aug 08, 2020

Theory classes for second year subjects and above will be conducted in the online mode as per the Academic Calendar of Autumn 2020-21 . While retaining the existing time tabling slot pattern, additional time of an hour and half has been added to each slot and indicated in the Slotting pattern. With the teaching going online, this semester, physical labs are not indicated and rooms have not been allocated. The first year schedule will be released at the appropriate time, depending on the situation. The final version of the draft contains the following items:

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2	Common Subjects/Breadth/HSS/Management Slot Indication (2 nd year and above)	2 - 6
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As usual, slots for Breadth /HSS/Management subjects have been indicated. Academic Units must ensure at least two out of the three designated Breadth slots are available for students. All subjects must be scheduled strictly in accordance with the slotting pattern. If cross slotting has to be done due to compelling reasons, then it can be done only with one hour of 'S' slot along with a regular 3 hour slot. Since the physical lab classes are deferred, the theory slots that would otherwise be blocked by lab sessions may also be utilized.

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Department of Metallurgy and Materials Engineering

CENTRAL TIMETABLE: AUTUMN SEMESTER (2020–2021)

TABLE-1 - TIME TABLE SLOTTING PATTERN

Period	1	2	3	4	5		6	7	8	9	10	
Time Day	8:00 AM - 8:55 AM	9:00 AM - 9:55 AM	10:00AM - 10:55 AM	11:00 AM- 11:55 AM	12:00 Noon - 12:55 PM		2:00 PM - 2:55 PM	3:00 PM - 3:55 PM	4:00 PM - 4:55 PM	5:00 PM 5:55 PM	8:00 PM -9:30 PM	
MON	A3(1)	1 st Year LAB SLOT Q-1			D3 (1)	L U N C H O U R	H3(1)	U3(1, 2)		S3(1)	V(A)	
	A2		C3 (1)	B3(1)	D4 (1)		U4(1, 2)					
	A3(1, 2)		LAB SLOT:Q				LAB SLOT:J					
TUE	1 st Year LAB SLOT K-1			A3(3)	G(A)		U3(3)	H2		H3(2, 3)	U(A)	
	B2		D2					U4(3, 4)				
			D3(2, 3)				LAB SLOT:L					
	B3(2, 3)		LAB SLOT:K									
WED	1 st Year LAB SLOT R-1			E3(1)	U(A)		X4(1)	X4(2)	X4(3)	X4(4)	I(A)	
	C2		F3(1)	G3(1)			LAB SLOT:X					
	C3(2, 3)		F4(1)				E4(1)					
THU	D4(4)	1 st Year LAB SLOT M-1			G3(2)	H(A)	I2(1)	V2		S3(2)	I(A)	
		F3(2)	C4(4)	E3(2)	V3(1, 2)							
		F4(2)		E4(2)	V4(1, 2)							
FRI	G3(3)	1 st Year LAB SLOT O-1			S3(3)	H(A)	V3(3)	I2(2)		S3(3)	H(A)	
		E2		F2				V4(3, 4)				
		E3(3)		F3(3)				LAB SLOT:P				
		E4(3, 4)		F4(3, 4)								
SAT	8:00 AM – 9:00 AM	9:00 AM – 10:30 AM	10:30 AM– 12:00 Noon	12:00 Noon– 1:30 PM		2:00 PM – 3:30 PM	3:30 PM – 5:00 PM	5:00 PM – 6:30 PM	6:30 PM – 8:00 PM	S(A)		
		A(A)	C(A)	E(A)		B(A)	D(A)	F(A)				

2 Hour Slot	3 hour slot	4 Hour Slot	Lab Slot	Lab Slot for 1 st year only	Additional Slots
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COMMON SUBJECTS AND BREADTH SLOTS FOR SECOND YEAR

DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

Course	No. of Students	A3	B3	C3/4	D3/4	E3/4	F4	G3	U3/4	X
AE	54	MA20101		EC21101					Closed	BS/EV
AG	78			MA20103			ME21101			BS/EV
AR	41				HS20001					
BT	57			MA20103						BS/EV
CE	98	MA20101		CE21005						
CH	91	MA20101	HSS	EC21101	CH21103			HSS		
CS	119		HSS	EE21101		EC21103		HSS	Closed	
EC	123	MA20107				EC21103	B	B		Closed
EE	94	MA20101	HSS	EE21101		EC21103	PH20003	HSS		Closed
IE	37	MA20101	HSS	EE21101		EC21103	PH20003	HSS		Closed
IM	61			EC21101	HS20001		IM21003	MA20105	Closed	BS/EV
ME	145	MA20101		MA20103		ME20001	ME21101			BS/EV
MF	56	MA20101			HS20001	ME20001	IM21003			BS/EV
MI	95			CE21005	HS20001					BS/EV
MT	77			MA20103	HS20001					BS/EV
NA	65	MA20101		ME21103	HS20001		ME21101			
QE	8	MT30001		EE21101	HS20001	EC21103	IM21003		Closed	EV
QM	8	MT30001		ME21103	HS20001	ME20001	IM21003			BS/EV
CY	37		HSS	EC21101			PH20003	HSS		
EX	36	MA20101					PH20003			
GG	43		HSS					HSS		
HS	47		HSS	MA20103			IM21003	HSS		
MA	58	MA20101		MA20103	HS20001					BS/EV
PH	37	MA20101				B	PH20003	B		

B: - Breadth Subjects (Allocation will be made in these slots)

- **BS: BS20001 – Biological Science & EV: EV20001 - Environmental Science** Scheduled in X4(1, 2)& X4(3, 4) respectively. **Interdisciplinary EP subject scheduled in S3 slot.** Student strength in July 2020 may vary (max inc/dec.10%) due to Branch Change. **Slots for Common Labs on Page:28-30.**

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COMMON SUBJECTS AND BREADTH SLOTS FOR THIRD YEAR

DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

CC	No. of Students	A3	B3	C3/4	D4	E3/4	F4	G3	U3/4	X
AE	48 + 1(FP) + 2(EP)						B	B/MA31020*/EP		
AG	54 + 6(FP) + 6(EP)						M	M/MA31020*/EP		
AR	34			CE31001			EE30024	HS30003		
BT	37 + 3(FP)			CH31001	CH21103		M	M// MA31020 *		
CE	86 + 2(FP) + 1(EP)			CE31001				MA31020 */EP		BS/EV
CH	91 + 5(FP) + 1(PE)			CH31001			M	M/MA31020* /PE		
CS	122						B	B		
EC	129 + 1(FP)		HSS		EC31003	EE31009		HSS /MA31020 *		
EE	99			EE31011	EC31003	EE31009	M	M		
IE	37			CH31001	EC31003	EE31009	M	M		
IM	64 + 2(FP)							MA31020*		
ME	146 + 5(FP)	MT30001	HSS	ME30005	ME31007	ME31013		HSS/ MA31020*		
MF	49 + 1(FP)	MT30001	HSS	ME30005	ME31007	ME31013		HSS/ MA31020*		
MI	69 + 3(FP) + 3(EP)		HSS					HSS/MA31020 */EP		
MT	51		HSS					HSS		
NA	48 + 1(FP) + 1(EP)							MA31020*/EP		BS/EV
QE	9		IM31011	EE31011	EC31003	EE31009	IM31005			
QM	10		IM31011	ME30005	ME31007	EE31009	IM31005			
CY	24						M	M		
EX	21		HSS	MA20103				HSS		BS/EV
GG	29 + 3(PE)						M	M PE		
HS	50						B	MA31020*		
MA	61		HSS					HSS		
PH	34									

- **B** - Breadth Subjects (Allocation will be made in these slots) **M**-Management Breadth
- **FP** Interdisciplinary Dual Degree Program of **Financial Engineering** *MA31020, is 4 crd and will run in S3(1) + G3
- **EP** Interdisciplinary Dual Degree Program of **Engineering Entrepreneurship** EP60004 in G3 slot for Interdisciplinary EP students.
- **PE** Dual Degree Program in Petroleum Engineering–HS30037 in G3 , **BS: BS20001** –Biological Science & **EV: EV20001**-Environmental Science Scheduled in X1, X2 & X3, X4 respectively.

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COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR

DEPARTMENTS ARE MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

Course	No. of Students	A3	B3	C4	D3/4	E3/4	F4	G3	U3/4
AE	33+ 1(FP)+ 1(EP)		HSS				MA41031/EP60005	HSS/BM60023	
AG	31+2(FP)+ 4(EP)						B/MA41031/EP60005	B/BM60023	
AR	39						B	B	
BT	22+1(EP)						B/EP60005	B	
CE	52		HSS					HSS	
CH	61+3(FP)						B/MA41031	B/BM60023	
CS	67								
EC	68								
EE	63								
IE	35								
IM	32+6(FP)		HSS				MA41031	HSS/BM60023	
ME	80+2(FP)						MA41031	BM60023	
MF	27+1(FP)						MA41031	BM60023	
MI	33+2(FP))+ 1(EP)+ 3(PE)						MA41031/EP60005	BM60023/PE	
MT	39+2(FP)						MA41031	BM60023	
NA	33+1(FP) + 2(EP)		HSS				MA41031/EP60005	HSS/BM60023	
CY	26								
EX	32						M	M	
GG	27+ 2(PE)							PE	
HS	51						M	M	
MA	57								
PH	34						M	M	

- **FP** Indicates students from Interdisciplinary Dual Degree Program : Financial Engineering: **MA41031** and **BM60023** for **FP** students only
- **EP** Indicates students from Interdisciplinary Dual Degree Program : Engineering Entrepreneurship **EP60005** for **EP** students only,
- **PE** Dual Degree Program in Petroleum Engineering—**PE40001**
- **B: - Breadth Subjects** (Allocation will be made in these slots) **M:- Management Breadth**

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COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR (DUAL-DEGREE)

DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

DEPT	No. of Students	A3	B3	C4	D3/4	E3/4	F4	G3	U3/4
AE1	19		HSS					HSS	
AGD	26						B	B	
BT1	21						B	B	
CED	24		HSS					HSS	
CH1	28						B	B	
CS2	47								
ECD	48								
EED	23								
IM1	19		HSS					HSS	
MED	54								
MF1	16								
MI1	15								
MI3	16								
MT1	22								
NA1	20		HSS					HSS	
QE	9		HSS					HSS	
QM	5		HSS					HSS	

B: - Breadth Subjects (Allocation will be made in these slots) M:- Management Breadth

COMMON SUBJECTS AND BREADTH SLOTS FOR FIFTH YEAR

Only the following disciplines have Breadth/HSS components

THESE AND THE OTHER DEPARTMENTS MAY TO FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

DEPT	No. of Students	A3	B3	C4	D3/4	E3/4	F4	G3	U3/4
AR	39		HSS					HSS	
EX	29						B	B	
GG	25						B	B	
HS	51						B	B	

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SLOT ALLOCATION FOR COMMON SUBJECTS OF SECOND, THIRD AND FOURTH YEAR

1. MA20101 Transform Calculus 3-0-0

Section	Departments	No. of Students	Slot
1	AE (54) + ME (145)	199	A3
2	CE (98) + EX (36) + NA (65)	199	A3
3	CH (91) + MF (56) + PH (37)	184	A3
4	EE (94) + MA (58) + IE (37)	189	A3

2. MA20103 Partial Differential Equations 3-0-0

Section	Departments	No. of Students	Slot
1	AG (78) + EX 3 rd Yr (21) + MT (77)	176	C3
2	BT (57) + HS (47) + MA (58)	162	C3
3	ME (145)	145	C3

3. MA20105 Linear Algebra 3-0-0

Section	Departments	No. of Students	Slot
1	IM (61)	61	G3

4. MA20107 Matrix Algebra 3-0-0

Section	Departments	No. of Students	Slot
1	EC (123)	123	A3

5. EC21101 Basic Electronics (for Non Electrical Sciences) 3-1-0

Section	Departments	No. of Students	Slot
1	AE (54) + CH (91)+ CY (37) + IM (61)	243	C4

6. EC21103 Introduction to Basic Electronics (for Electrical Sciences) 3-1-0

Section	Departments	No. of Students	Slot
1	EE (94) + CS (119)	213	E4
2	EC (123) + IE (37) + QE (8)	168	E4

7. BS20001 Biological Science (Coordinated by BT) (Additional hour I2(1) may be utilized) 2-0-0

Section	Departments	No. of Students	Slot
1	BT (57) + IM (61) + MA (58) + EX (3 rd year)(21)	197	X1,X2
2	AE (54) + MF (56) + CE (3 rd year)(89) + QM(8)	207	X1,X2
3	AG (78) + ME (145)	223	X1,X2
4	MI (95) + MT (77) + NA (3 rd year)(50)	222	X1,X2

8. EV20001 Environmental Science (Coordinated by CE) (Additional hour I2(2) may be utilized) 2-0-0

Section	Departments	No. of Students	Slot
1	AG (78) + IM (61)	139	X3,X4
2	BT (57) + CE (3 rd year)(89)	146	X3,X4
3	AE (54) + EX (3 rd year)(21) + MA (58)	133	X3,X4
4	ME(145)	145	X3,X4
5	MI (95) + NA (3 rd year)(50)	145	X3,X4
6	MF (56) + MT (77) + QD(16)	149	X3,X4

15. ME20001 Dynamics

Section	Department	No. of Students	Slot
1	ME (145) + MF (56) + QM(8)	209	E4

16. EC31003 Digital Electronic

Section	Departments	No. of Students	Slot
1	EE (99) + IE (37)	136	D4
2	EC (130) + QE (9)	139	D4

17. CE31001 Design of RC Structures

Section	Department	No. of Students	Slot
1	CE (89) + AR (34)	123	C4

18. CH31001 Mass Transfer - I**3-1-0**

Section	Department	No. of Students	Slot
1	BT (40) + CH (97) + IE (37)	174	C4

19. EE31009 Control System Engineering**3-1-0**

Section	Department	No. of Students	Slot
1	EE(99) + EC (130) + IE (37) + QD (19)	285	E4

20. ME31013 Mechanics of Solids**3-1-0**

Section	Departments	No. of Students	Slot
1,2	ME 3 rd Yr (151) + MF 3 rd Yr(50)	201	E4

21.ME21103 **Mechanics of Solids (for Non Mechanical Students)** **3-1-0**

Section	Departments	No. of Students	Slot
1	QM 2 nd Yr (8) + NA 2 nd Yr(65)	73	C4

22. MT30001 **Materials Engineering** **3-0-0**

Section	Department	No. of Students	Slot
1	MF (50) + ME (151) + QD 2 nd Year(16)	217	A3

23.ME30005 **Heat Transfer** **3-1-0**

Section	Department	No. of Students	Slot
1	MF (50) + ME (151) + QM (10)	211	C4
2	(Section Division To Be Done By The Department)		

24.ME31007 **Casting Forming and Welding** **3-1-0**

Section	Department	No. of Students	Slot
1	MF (50) + ME (151) + QM (10)	211	D4

25.HS20001 **Economics** **3-1-0**

Section	Department	No. of Students	Slot
1	AR(41) + IM(61) + MF(56) + MI(95) + MT(77) + NA(65) + QD(16) + MA(58)	469	D4

26. HSS Subjects B3/G3 SLOT (For 4 crd subjects B3+S3(2) slot) 3-0/1-0

Total of **1279** students to take HSS Subjects. This excludes the backlogs. .

HSS department may please indicate the subjects and slots(B3/G3) for HSS subjects on ERP. **For 4 crd subjects B3+S3(2) slot may be used.**

27. Slots for Breadth Subjects (F3/4, G3/U3/4 slots). Any two slots must be available for the student.

Total of **713** students to take Breadth Subjects. This excludes the backlogs. .

28. Slot for Management Subjects (F4/G3slots)

Total of **488** students to take Management Subjects . This excludes the backlogs. Since the participating departments for 2nd year are not known **EP60020 is scheduled in S3 slot.**

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