

Indian Institute of Technology Kharagpur
Central Time Table
Autumn Semester (2021– 2022)

July 31, 2021

The Central Timetable for the Autumn Semester (2021-2022) for second year and above is appended.

Slots for Breadth/HSS/Management subjects have also been indicated. Academic Units must ensure at least one designated Breadth slots is available for students.

(Debalay Chakrabarti)

Professor-in-Charge, Central Time Table

Department of Metallurgy and Materials Engineering

CENTRAL TIMETABLE: AUTUMN SEMESTER (2021– 2022)

TABLE-1 - TIME TABLE SLOT MATRIX

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

2 Hour Slot

3 hour slot

4 Hour Slot

Lab Slot

Lab Slot for 1st year only

Special Slot for EAA

Offically No Class

COMMON SUBJECTS AND BREADTH SLOTS FOR SECOND YEAR (NEW CURRICULA)

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	S3(1)
AE	70			EC21201			B	MA20201	Closed		
AG	82	MA20205 - 5	MA20203 - 1				ME21201				
AR	48						B	B			
BT	65		MA20205 - 6								
CE	122	MA20205 - 5		CE21201			B	B			
CH	116				CH21203		B	B			
CS	139		MA20205 - 4	EC21201		EE21201			Closed		
EC	151		MA20205 - 2				EC21207				
EE	115		MA20205 - 6	EE21203		EE21201	EC21207	B			
IE	43	MA20205 - 1		EE21203		EE21201	EC21207	B			
IM	71	MA20205 - 7		EC21201			IM21201	HS21201			HS21201
ME	166		MA20203 - 2	ME21203		ME21205	ME21201	B			
MF	62		MA20205 - 4	ME21203		ME21205	ME21207	B			
MI	109	MA20205 - 3		CE21201							
MT	90	MA20205 - 3	HSS				B	B / HSS			
NA	76	MA20205 - 7	HSS	EC21201			ME21201	HSS		Closed	
QE	10	MA20205 - 7		EE21203		EE21201	EC21207	HS21201			HS21201
QM	10	MA20205 - 7		ME21203		ME21205	ME21207	HS21201			HS21201
CY	35	MA20205 - 7		EC21201							
EX	34	MA20205 - 1	MA20203 - 2								
GG	49		MA20205 - 2								
HS	57	MA20205 - 1	MA20203 - 1				IM21201	HSS			
MA	66	MA20205 - 1	MA20203 - 1	EC21201				MA20201	Closed		
PH	39		MA20205 - 6	EC21201						Closed	

) **B: - Breadth Subjects (Allocation will be made in these slots)** **HS21201 – Economics in G3 + S3(1) slot**

) Student strength may vary (max inc/dec.10%) due to Branch Change.

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	55						B	B		
AG	49 + 5(FP) + 2(EP)						M	M/MA31020*/EP		
AR	40			CE31001			EE30024	HS30003		
BT	44+ 1(FP) + 3(EP)			CH31001	CH21103		M	M / MA31020*/ EP		
CE	86 + 1(FP)			CE31001				MA31020*		BS/EV
CH	104+1(FP)			CH31001			M	M/MA31020*/		
CS	129						B	B		
EC	139		HSS		EC31003	EE31009		HSS		
EE	102 + 3(FP)			EE31011	EC31003	EE31009	M	M / MA31020*		
IE	39			CH31001	EC31003	EE31009	M	M		
IM	63+ 3(FP)						IM31005	MA31020*		
ME	153+ 4(FP) + 1(EP)	MT30001	HSS	ME30005	ME31007	ME31013		HSS/ MA31020*/ EP		
MF	59 + 2(EP)	MT30001	HSS	ME30005	ME31007	ME31013		HSS / EP		
MI	70+7(FP) +3(EP)+3(PT)		HSS					HSS/MA31020 * /PT/EP		
MT	68+3(FP)		HSS					HSS/ MA31020*		
NA	49 + 2(FP)+ 2(EP)							MA31020*/EP		BS/EV
QE	7		IM31011	EE31011	EC31003	EE31009	IM31005			
QM	8		IM31011	ME30005	ME31007	EE31009	IM31005			
CY	25						M	M		
EX	25		MA20103 – 2					HSS		BS/EV
GG	33						M	M		
HS	53						B	MA31020*		
MA	64		HSS					HSS		
PH	36									

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

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	S3(1)
AE	12 + 1(FP)+ 2(EP) + 6(AI)	AI61005	HSS				MA41031 /EP60005/ AI61003	HSS/ BM60023		AI61005
AG	19 + 6(FP)+ 6(EP) + 4(AI)	AI61005					B/ MA41031 /EP60005/ AI61003	B/ BM60023		AI61005
AR	33						B	B		
BT	13 + 3(FP) + 4 (AI)	AI61005					B / MA41031 /AI61003	B/ BM60023		AI61005
CE	41 + 2(FP)+ 1(EP) + 4 (AI)	AI61005	HSS				MA41031/ EP60005 / AI61003	HSS/ BM60023		AI61005
CH	50 + 5(FP)+ 2(PT)						B/ MA41031	B/ BM60023/PT		
CS	68									
EC	58 + 1(FP)+ 3 (AI)	AI61005					MA41031/AI61003	BM60023		AI61005
EE	53 + 5 (AI)	AI61005					AI61003			AI61005
IE	25									
IM	32 + 2(FP)		HSS				MA41031	HSS/ BM60023		
ME	56 + 5(FP)+ 4 (AI)	AI61005					MA41031 / AI61003	BM60023 /PT		AI61005
MF	16 + 1(FP)						MA41031	BM60023		
MI	20 + 3(FP))+ 3(EP)+ 3(PT)						MA41031/EP60005	BM60023/PT		
MT	27 + 3 (AI)	AI61005					AI61003			AI61005
NA	14 + 1(FP)+ 1(EP) + 4(AI)	AI61005	HSS				MA41031 /EP60005 / AI61003	HSS/ BM60023		AI61005
CY	25									
EX	20						M	M		
GG	26 + 3(PT)							PT		
HS	50						M	M		
MA	58									
PH	30						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,
-) **PT** Dual Degree Program in Petroleum Engineering
-) **AI** Indicates students from Interdisciplinary Dual Degree Program : Centre of Excellence in Artificial Intelligence **AI61005** and **AI61003** for **AI** students only
-) **B:** - Breadth Subjects (Allocation will be made in these slots) **M:-** Management Breadth

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	29		HSS					HSS	
AGD	25						B	B	
BT1	20						B	B	
CED	35		HSS					HSS	
CH1	39						B	B	
CS2	53								
ECD	65								
EED	37								
IE2	1								
IE3	8								
IM1	30		HSS					HSS	
MED	81								
MF1	32								
MI1	25								
MI3	15								
MT1	16								
NA1	25		HSS					HSS	
QE	9		HSS					HSS	
QM	9		HSS					HSS	

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

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	37		HSS					HSS	
EX	30						B	B	
GG	31						B	B	
HS	50						B	B	

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

1. **MA20201** **Numerical Solution of Ordinary and PDE** **3-0-0**

Section	Departments	No. of Students	Slot
1	AE (70) + MA (66)	136	G3

2. **MA20203/MA20103** **Theory of Partial Differential Equations** **3-0-0**

Section	Departments	No. of Students	Slot
1	AG (82) + HS (57) + MA (66)	205	B3
2	ME (166) + EX (34) + EX (3 RD Year) (25)	225	B3

3. **MA20205** **Probability and Statistics** **3-0-0**

Section	Departments	No. of Students	Slot
1	IE (43) + HS (57) + MA (66) + EX (34)	200	A3
2	EC (151) + GG (49)	200	B3
3	MI(109) + MT (90)	199	A3
4	CS (139) + MF (62)	201	B3
5	CE (122) + AG (82)	204	A3
6	EE (115) + BT (65) + PH (39)	219	B3
7	CY (35) + IM (71) + NA (76) + QD (20)	202	A3

4. **EC21201** **Basic Electronics** **3-1-0**

Section	Departments	No. of Students	Slot
1	AE (70) + NA (76)	146	C4
2	CS (139) + CY (35)	174	C4
3	MA (66) + IM (71) + PH(39)	176	C4

5. EC29201 Basic Electronics Laboratory 0-0-3

Section	Departments	No. of Students	Slot
1	AE (70) + MA (66)	136	J
2	CS (139)	139	L
3	CY (35) + IM (71)	106	N
4	NA (76) + PH(39)	115	X

6. EC21207 Analog Electronic Circuits 3-1-0

Section	Departments	No. of Students	Slot
1	EE (115) + IE (43)	158	F4
2	EC (151) + QE (10)	161	F4

7. EC29207 Analog Electronic Circuits Laboratory 0-0-3

Section	Departments	No. of Students	Slot
1	EC (B.Tech.) (90) + QE (10)	100	L
2	EE (115)	115	X
3	EC (Dual) (61) + IE (43)	104	P

8. EE21201 Signals and Systems 3-1-0

Section	Departments	No. of Students	Slot
1	CS (139) + EE (115) + IE (43) + QE (10)	307	E4

9. EE29201 Signals and Networks Laboratory 0-0-3

Section	Departments	No. of Students	Slot
1	EE (115)	115	J + N + P
2	IE (43) + QE (10)	53	J + N + X

10. BS20001 Biological Science (Coordinated by BT) 2-0-0

Section	Departments	No. of Students	Slot
1	CE (87) + NA (53) + EX (25)	165	X1, X2

11. EV20001 Environmental Science (Coordinated by CE) 2-0-0

Section	Departments	No. of Students	Slot
1	CE (87) + NA (53) + EX (25)	165	X3, X4

12. EE21203 Network Analysis 3-1-0

Section	Departments	No. of Students	Slot
1	EE (115)+ IE (43) + QE (10)	168	C4

13. IM21201 Operations Research 3-1-0

Section	Departments	No. of Students	Slot
1	HS (57) + IM (71)	128	F4

14. ME21201 Fluid Mechanics 3-1-0

Section	Department	No. of Students	Slot
1	AG (82) + NA (Dual) (33)	115	F4
2	ME (B.Tech.) (94)	94	F4
3	ME (Dual) (72) + NA (B.Tech.) (43)	115	F4

15. ME21203 Mechanics of Solids 3-1-0

Section	Departments	No. of Students	Slot
1	ME (B.Tech.) (94) + QM(10)	104	C4
2	ME (Dual) (72) + MF (62)	134	C4

16. CE21201 Solid Mechanics 3-1-0

Section	Department	No. of Students	Slot
1	CE (122) + MI (109)	231	C4

17. CH21203/CH21103 Chemical Process Calculations 3-1-0

Section	Departments	No. of Students	Slot
1	CH (116) + BT 3 rd year (48)	164	D4

18. ME21205 Dynamics 3-1-0

Section	Department	No. of Students	Slot
1	ME (B.Tech.) (94) + QM(10)	104	E4
2	ME (Dual) (72) + MF (62)	134	E4

19. ME21207 Thermo-Fluid Science 3-1-0

Section	Department	No. of Students	Slot
1	MF (62) + QM(10)	72	F4

20. ME29201 Introduction to Basic Manufacturing Processes 0-0-3

Section	Department	No. of Students	Slot
1	IM (71) + MF (B.Tech) (41)	112	J
2	ME (B.Tech) (94)	94	L
3	ME (Dual) (72) + MF (Dual) (21) + QM(10)	103	P

21. ME29203 Mechanics of Solids Laboratory 0-0-3

Section	Department	No. of Students	Slot
1	ME (166) + MF (62) + QM(10)	238	N

22. EC31003 Digital Electronic Circuits 3-1-0

Section	Departments	No. of Students	Slot
1	EE (105) + IE (39)	144	D4
2	EC (139) + QE (7)	146	D4

23. CE31001 Design of RC Structures 3-0-0

Section	Department	No. of Students	Slot
1	CE (86) + AR(40)	126	C4

24. CH31001 Mass Transfer - I 3-1-0

Section	Department	No. of Students	Slot
1	BT (48) + CH (105) + IE (39)	192	C4

25. EE31009 Control System Engineering 3-1-0

Section	Department	No. of Students	Slot
1	EE(105) + EC (139) + IE (39) + QD (15)	298	E4

26. ME31013 Mechanics of Solids 3-1-0

Section	Departments	No. of Students	Slot
1,2	ME 3 rd Yr (158) + MF 3 rd Yr (61)	219	E4

27. MT30001 Materials Engineering 3-0-0

Section	Department	No. of Students	Slot
1	MF (62) + ME (166)	228	A3

28. ME30005 Heat Transfer 3-1-0

Section	Department	No. of Students	Slot
1	MF (62) + ME (166) + QM (8)	235	C4
2	(Section Division To Be Done By The Department)		

29. ME31007 Casting Forming and Welding 3-1-0

Section	Department	No. of Students	Slot
1	MF (62) + ME (166) + QM (8)	235	D4

30. AI61003 Linear Algebra For AI And ML 3-1-0

Section	Department	No. of Students	Slot
1	AE (6) + AG (4) + BT (4) + CE (4) + EC (3) + EE (5) + ME (4) + MT (3) + NA (4)	37	F4

31. AI61005 Artificial Intelligence Foundations And Applications 3-1-0

Section	Department	No. of Students	Slot
1	AE (6) + AG (4) + BT (4) + CE (4) + EC (3) + EE (5) + ME (4) + MT (3) + NA (4)	37	A3 + S3(1)

32. HS21201 Economics 3-1-0

Section	Department	No. of Students	Slot
1	IM(71)+ QD(20)	91	G3 + S3 (1)

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

34. Slots for Breadth Subjects: F3/4, G3 slots. At least one slot must be available for the student.

35. Slot for Management Subjects: F3/4, G3 slots

36. Extra Academic Activity---EAA

Slot/Time
Saturday 8:00 AM -12:55PM NSS
Saturday 9:00 AM-12:55PM
Saturday 9:00 AM-12:55PM