

Indian Institute of Technology Kharagpur

Central Time Table

Autumn Semester (2022– 2023)

July 22, 2022

The Central Timetable for the **Autumn Semester (2022-2023)** for second year and above is appended.

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

(Debalay Chakrabarti)

Professor-in-Charge, Central Time Table

Department of Metallurgy and Materials Engineering

CTT Autumn 2022-2023

CENTRAL TIMETABLE: AUTUMN SEMESTER (2022– 2023)

TABLE-1 - TIME TABLE SLOT MATRIX

Period	1	2	3	4	5		6	7	8	9
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
	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)			U3(3)	H2	
TUE	B2		D2	B3(2, 3)			U4(3, 4)		H3(2, 3)	
			D3(2, 3)							
			D4(2, 3)				LAB SLOT:K			
		1 st Year LAB SLOT R-1			E3(1)		LAB SLOT:L			
WED	C2	F3(1)	G3(1)	E4(1)	LAB SLOT:X		X4(1)	X4(2)	X4(3)	X4(4)
	C3(2, 3)	F4(1)								
	C4(2, 3)	LAB SLOT:R								
THU	D4(4)	1 st Year LAB SLOT M-1			G3(2)	I2(1)	V2		S3(2)	
		F3(2)	C4(4)	E3(2)						
		F4(2)	LAB SLOT:M				V3(1, 2)			
			LAB SLOT:O			V4(1, 2)				
		1 st Year LAB SLOT O-1								
FRI	G3(3)	E2		F2				V3(3)	I2(2)	S3(3)
		E3(3)		F3(3)		V4(3, 4)				
		E4(3, 4)		F4(3, 4)		LAB SLOT:P				
			LAB SLOT:O							
SAT	EAA									
2 Hour Slot		3 hour slot	4 Hour Slot	Lab Slot	Lab Slot for 1 st 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	77			EC21201			B	MA20201	Closed		
AG	76	MA20205 - 5	MA20203 - 1				ME21201				
AR	40						B	B			
BT	60		MA20205 - 6								
CE	106	MA20205 - 5		CE21201			B	B			
CH	127		HSS		CH21203			HSS			
CS	155		MA20205 - 4	EC21201		EE21201			Closed		
EC	165		MA20205 - 2								
EE	124		MA20205 - 6	EE21203		EE21201		HSS			
IE	48	MA20205 - 1		EE21203		EE21201		HSS			
IM	79	MA20205 - 7		EC21201			IM21201	HS21201			HS21201
ME	189		MA20203 - 2	ME21203		ME21205	ME21201	B			
MF	71		MA20205 - 4	ME21203		ME21205	ME21207	B			
MI	82	MA20205 - 3		CE21201							
MT	79	MA20205 - 3	HSS				B	B / HSS			
NA	60	MA20205 - 7	HSS	EC21201			ME21201	HSS		Closed	
QE	1	MA20205 - 7		EE21203		EE21201	EC21207	HS21201			HS21201
CY	33	MA20205 - 7		EC21201							
EX	23	MA20205 - 1	MA20203 - 1								
GG	41		MA20203 - 1								
HS	68	MA20205 - 1	MA20203 - 1				IM21201	HSS			
MA	79	MA20205 - 1	MA20203 - 2	EC21201				MA20201	Closed		
PH	45		MA20205 - 2	EC21201						Closed	

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

) Additional slots for EAA has been allotted on Mondays, Tuesday, Thursdays and Fridays from 6:30 PM – 8:30 PM

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

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

CC	No. of Students	A3	B3	C3/4	D4	E3/4	F4	G3	U3/4	X
AE	75 + 1(FP) + 1(EP)						EP61201			
AG	54 + 8(FP) + 7(EP)						B / EP61201	B		
AR	48			CE31001			EE30024			
BT	50 + 1(FP) + 1(EP)				CH21203		B / EP61201	B		
CE	110 + 3(FP) + 1(EP)			CE31001			EP61201			
CH	108 + 14(FP) + 1 (PT)						B	B		
CS	152						B	B		
EC	162 + 1(FP)									
EE	122 + 3(FP)			EE40013		EE31009				
IE	49			EE40013		EE31009				
IM	77 + 3(FP)						B	B		
ME	176 + 15(FP) + 1(EP)	MT30001		ME30005	ME31201	ME31203	EP61201		ME30602	
MF	72	MT30001		ME30005	ME31201	ME31203			ME30602	
MI	72 + 7(FP) + 2(EP)						EP61201			
MT	74 + 2(FP) + 1(EP)						EP61201			
NA	59 + 2(FP) + 1(EP)						EP61201			
QE	12									
QM	11									
CY	29						B	B		
EX	20						B	B		
GG	33 + 1 (PT)						B	B		
HS	63						B	B		
MA	77						B	B		
PH	37						B	B		

- ⌋ **B** : - Breadth Elective Subjects (Allocation will be made in these slots)
- ⌋ **FP** Interdisciplinary Dual Degree Program of **Financial Engineering**
- ⌋ **EP** Interdisciplinary Dual Degree Program of **Engineering Entrepreneurship**. - EP61201 (Entrepreneurship Essentials) is in F4 slot
- ⌋ **PT** Dual Degree Program in Petroleum Engineering

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	26 + 5 (AI)	AI61005	HSS				AI61003	HSS		AI61005
AG	36 + 5(FP)+ 2(EP)						B/ MA41031 /EP60005	B/ BM60023		
AR	43						B	B		
BT	15 + 1(FP) + 3(EP) + 2 (AI)	AI61005					B / MA41031/EP60005 /AI61003	B/ BM60023		AI61005
CE	61 + 1(FP) + 5 (AI)	AI61005	HSS				MA41031/ AI61003	HSS/ BM60023		AI61005
CH	57 + 2(FP)+ 2(PT) + 3 (AI)	AI61005					B/ MA41031/ AI61003	B/ BM60023/PT		AI61005
CS	83									
EC	80 + 1 (AI)	AI61005					AI61003			AI61005
EE	69 + 2(FP) + 2 (AI)	AI61005					MA41031 / AI61003	BM60023		AI61005
IE	33 + 3 (AI)	AI61005					AI61003			AI61005
IM	35 + 3(FP)		HSS				MA41031	HSS/ BM60023		
ME	76 + 5(FP) + 1(EP) +2 (AI)	AI61005					MA41031/EP60005 / AI61003	BM60023		AI61005
MF	33 + 2(EP) + 1 (AI)	AI61005					EP60005 / AI61003			AI61005
MI	30 + 7(FP) + 3(EP)+ 3(PT)						MA41031/EP60005	BM60023/PT		
MT	36 + 3(FP) + 5 (AI)	AI61005					MA41031 / AI61003	BM60023		AI61005
NA	14 + 2(FP)+ 2(EP) + 3 (AI)	AI61005	HSS				MA41031 /EP60005 / AI61003	HSS/ BM60023		AI61005
CY	26									
EX	23 + 3(PT)						M	M/PT		
GG	37									
HS	54						M	M		
MA	64									
PH	38						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 Subject (Allocation will be made in these slots)

M:- Management Breadth

Central Time Table Autumn 2022- 2023 (Second Year and Above), First Version

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

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

CC	No. of Students	A3	B3	C4	D3/4	E3/4	F4	G3	U3/4
AE1	36		HSS					HSS	
AGD	28						B	B	
BT1	30						B	B	
CED	32		HSS					HSS	
CH1	47						B	B	
CS2	59								
ECD	65								
EED	39								
IE4	3								
IE5	5								
IM1	30		HSS					HSS	
MED	82								
MF1	25								
MI1	24								
MI3	15								
MT1	37								
NA1	27		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

CC	No. of Students	A3	B3	C4	D3/4	E3/4	F4	G3	U3/4
AR	39		HSS					HSS	
EX	22						B	B	
GG	30						B	B	
HS	52						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	Room
1	AE (77) + MA (79)	156	G3	NR221

2. **MA20203** **Theory of Partial Differential Equations**

3-0-0

Section	Departments	No. of Students	Slot	Room
1	AG (76) + HS (68) + EX (23) + MA (79)	246	B3	NR221
2	ME (189) + GG (41)	230	B3	NR222

3. **MA20205** **Probability and Statistics**

3-0-0

Section	Departments	No. of Students	Slot	Room
1	IE (48) + HS (68) + MA (79) + EX (23)	218	A3	NR221
2	EC (165) + PH (45)	210	B3	NR321
3	MI(82) + MT (79)	161	A3	NR222
4	CS (155) + MF (71)	226	B3	NR322
5	CE (106) + AG (76)	182	A3	NR321
6	EE (124) + BT (60)	184	B3	NR421
7	CY (33) + IM (79) + NA (60) + QE (1)	173	A3	NR322

4. **EC21201** **Basic Electronics**

3-1-0

Section	Departments	No. of Students	Slot	Room
1	AE (77) + NA (60)	137	C4	NR221
2	CS (155) + CY (33)	188	C4	NR222
3	MA (79) + IM (79) + PH(45)	203	C4	NR321

5. EC29201 Basic Electronics Laboratory**0-0-3**

Section	Departments	No. of Students	Slot	Room
1	AE (77) + MA (79)	156	J	In the Department
2	CS (155)	155	L	
3	CY (33) + IM (79)	112	N	
4	NA (60) + PH(45)	105	X	

6. EE21201 Signals and Systems**3-1-0**

Section	Departments	No. of Students	Slot	Room
1	CS (155) + EE (124) + IE (48) + QE (1)	328	E4	NR221, NR222

7. EE29201 Signals and Networks Laboratory**0-0-3**

Section	Departments	No. of Students	Slot	Room
1	EE (124)	124	J + N + P	In the Department
2	IE (48) + QE (1)	49	J + N + X	

8. EE21203 Network Analysis**3-1-0**

Section	Departments	No. of Students	Slot	Room
1	EE (124)+ IE (48) + QE (1)	173	C4	NR322

9. IM21201 Operations Research**3-1-0**

Section	Departments	No. of Students	Slot	Room
1	HS (68) + IM (79)	147	F4	NR221

10. CE21201 Solid Mechanics**3-1-0**

Section	Department	No. of Students	Slot	Room
1	CE (106) + MI (82)	188	C4	NR422

11. ME21201 Fluid Mechanics 3-1-0

Section	Department	No. of Students	Slot	Room
1	AG (76)	76	F4	NR222
2	ME (B.Tech.) (109)	109	F4	NR321
3	ME (Dual) (80)	80	F4	NR322
4	NA (60)	60	F4	NC241

12. ME21203 Mechanics of Solids 3-1-0

Section	Departments	No. of Students	Slot	Room
1	ME (B.Tech.) (109)	109	C4	NR423
2	ME (Dual) (80) + MF (71)	151	C4	NR421

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

Section	Departments	No. of Students	Slot	Room
1	CH (127) + BT 3 rd year (52)	179	D4	NR221

14. ME21205 Dynamics 3-1-0

Section	Department	No. of Students	Slot	Room
1	ME (B.Tech.) (109)	109	E4	NR423
2	ME (Dual) (80) + MF (71)	151	E4	NR421

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

Section	Department	No. of Students	Slot	Room
1	IM (79)	79	P	In the Department
2	ME (B.Tech) (109)	109	L	
3	ME (Dual) (80)	80	J	
4	MF (71)	71	X	

16. ME29203 **Mechanics of Solids Laboratory** **0-0-3**

Section	Department	No. of Students	Slot	Room
1	ME (B.Tech) (109) + MF (Dual) (24)	133	N	In the Department
2	MF (B.Tech) (47) + ME (Dual) (80)	127	J	

17. CE31001 **Design of RC Structures** **3-0-0**

Section	Department	No. of Students	Slot	Room
1	CE (114) + AR(48)	162	C4	NR411

18. EE40013 **Digital Signal Processing** **3-0-0**

Section	Department	No. of Students	Slot	Room
1	EE(125) + IE (49)	174	C3	NR212

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

Section	Department	No. of Students	Slot	Room
1	EE(125) + IE (49)	174	E4	NR312

20. ME30602 **Design of Machine Elements** **3-1-0**

Section	Departments	No. of Students	Slot	Room
1,2	MF (72) + ME (192)	264	U4	NR412, NR413

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

Section	Department	No. of Students	Slot	Room
1	MF (72) + ME (192)	264	A3	NR412, NR413

22. ME31203 Kinematics and Kinetics of Machines 3-1-0

Section	Department	No. of Students	Slot	Room
1	MF (72) + ME (192)	264	E4	VI

23. ME31201 Casting Forming and Welding 3-1-0

Section	Department	No. of Students	Slot	Room
1	MF (72) + ME (192)	264	D4	NR412, NR413

24. ME30005 Heat Transfer 3-1-0

Section	Department	No. of Students	Slot	Room
1	MF (72) + ME (192)	264	C4	NC142, NC242, NC342, NC442

25. AI61003 Linear Algebra for AI and ML 3-1-0

Section	Department	No. of Students	Slot	Room
1	AE (4) + BT (2) + CE (5) + CH (3) + EC (1) + EE (2) + IE (3) + ME (2) + MF (1)+ MT (5) + NA (3)	31	F4	NR123

26. AI61005 Artificial Intelligence Foundations and Applications 3-1-0

Section	Department	No. of Students	Slot	Room
1	AE (4) + BT (2) + CE (5) + CH (3) + EC (1) + EE (2) + IE (3) + ME (2) + MF (1)+ MT (5) + NA (3)	31	A3 + S3(1)	NR123

27. HS21201 Economics 3-1-0

Section	Department	No. of Students	Slot	Room
1	IM(79) + QD(1) + Breadth (HSS)	80 + Breadth (HSS)	G3 + S3 (1)	NC241, NC242, NC243

28. **HSS Subjects: B3/G3 slots** (For 4 crd subjects B3+S3 (2), G3 + S3(1) slot) **3-0/1-0**
29. **Slots for Breadth / Breadth Elective Subjects: F3/4, G3 slots. At least one slot must be available for the student.**
30. **Slot for Management Subjects: F3/4, G3 slots**
31. **Extra Academic Activity---EAA**

Slot/Time	Monday 6:30 PM – 8:30 PM
Saturday 8:00 AM -12:55PM NSS	Tuesday 6:30 PM – 8:30 PM
Saturday 9:00 AM-12:55PM	Thursday 6:30 PM – 8:30 PM
Saturday 9:00 AM-12:55PM	Friday 6:30 PM – 8:30 PM