

Indian Institute of Technology Kharagpur

Central Time Table

Autumn Semester (2023– 2024)

May 17, 2023

The Central Timetable for the **Autumn Semester (2023-2024)** 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 2023-2024

CENTRAL TIMETABLE: AUTUMN SEMESTER (2023 – 2024)

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)		
			C4 (1)							
	A3(1, 2)		LAB SLOT:Q					LAB SLOT:J		
		1 st Year LAB SLOT K-1			A3(3)			U3(3)	H2	
TUE	B2		D2					U4(3, 4)	H3(2, 3)	
D3(2, 3)										
D4(2, 3)										
	B3(2, 3)		LAB SLOT:K				LAB SLOT:L			
		1 st Year LAB SLOT R-1			E3(1)					
WED	C2		F3(1)	G3(1)		E4(1)	X4(1)	X4(2)	X4(3)	X4(4)
	C3(2, 3)		F4(1)				LAB SLOT:X			
	C4(2, 3)		LAB SLOT:R							
	D4(4)	1 st Year LAB SLOT M-1			G3(2)					
THU		F3(2)	C4(4)	E3(2)			I2(1)	V2		S3(2)
				E4(2)				V3(1, 2)		
		F4(2)	LAB SLOT:M				V4(1, 2)			
	G3(3)	1 st Year LAB SLOT O-1								
FRI		E2		F2			V3(3)	I2(2)	S3(3)	
		E3(3)		F3(3)						
		E4(3, 4)		F4(3, 4)						
		LAB SLOT:O				LAB SLOT:P				
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	78			EC21201			B	MA20201	Closed		
AG	101	MA20205 - 5	MA20203 - 1				ME21201				
AR	38						B	B			
BT	76		MA20205 - 6								
CE	119	MA20205 - 5		CE21201			B	B			
CH	117		HSS		CH21203			HSS			
CS	155		MA20205 - 2	EC21201		EE21201			Closed		
EC	150		MA20205 - 4								
EE	115	MA20205 - 1	HSS	EE21203		EE21201	EE21205	HSS			
IE	45	MA20205 - 1		EE21203		EE21201	EE21205	B			
IM	73		MA20205 - 6	EC21201			IM21201	HS21201			HS21201
ME	174		MA20203 - 2	ME21203		ME21205	ME21201	B			
MF	71		MA20205 - 4	ME21203		ME21205	ME21207	B			
MI	125	MA20205 - 3		CE21201							
MT	94	MA20205 - 3	HSS				B	B / HSS			
NA	84	MA20205 - 7	HSS	EC21201			ME21201	HSS		Closed	
B. S. (4 Yr.)	CY	45	MA20205 - 6	EC21201							
	EX	50	MA20205 - 1	MA20203 - 1							
	GG	53		MA20203 - 2							
	HS	60	MA20205 - 7	MA20203 - 1			IM21201	HSS			
	MA	72	MA20205 - 7	MA20203 - 1	EC21201			MA20201	Closed		
	PH	50	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, Tuesdays, 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	S31	S32
AE	77 + 1(FP) + 1(EP)		EP61201								EP61201
AG	77 + 8(FP) + 7(EP)		EP61201				B	B			EP61201
AR	40			CE31001			EE30024				
BT	61 + 1(FP) + 1(EP)		EP61201		CH21203		B	B			EP61201
CE	109 + 3(FP) + 1(EP)		EP61201	CE31001							EP61201
CH	127 + 14(FP) + 1(EP)		EP61201				B	B			EP61201
CS	158 + 1(EP)		EP61201				B	B			EP61201
EC	168 + 1(FP) + 1(EP)		EP61201								EP61201
EE	127 + 3(FP) + 1(EP)		EP61201	EE40013	EE31011	EE31009					EP61201
IE	51 + 1(EP)		EP61201	EE40013		EE31009					EP61201
IM	81 + 3(FP) + 1(EP)		EP61201	IM31005			B	B			EP61201
ME	191 + 15(FP) + 1(EP)	MT30001	EP61201	ME30005	ME31201	ME31203		ME30602		ME30602	EP61201
MF	70 + 1(EP)	MT30001	EP61201	ME30005	ME31201	ME31203		ME30602		ME30602	EP61201
MI	84 + 7(FP) + 2(EP)		EP61201								EP61201
MT	79 + 2(FP) + 1(EP)		EP61201								EP61201
NA	62 + 2(FP) + 1(EP)		EP61201								EP61201
QE	1	MT30001		IM31005	EE31011	EE31009	B	B			
B. S. (4 Yr.)	CY	28					B	B			
	EX	20									
	GG	35		MA20205 - 6							
	HS	65					B	B			
	MA	75					B	B			
	PH	39					B	B			
M. Sc. (5 Yr.)	CY	5					B	B			
	EX	2					B	B			
	GG	3					B	B			
	HS	3					B	HS30203			
	MA	3					B	B			
	PH	4					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 B3 + S32 slot
-) **PT** Dual Degree Program in Petroleum Engineering

COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR (New Curricula)

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	45 + 1(FP)+ 1(EP) + 5 (AI)	AI61005					B / BM60112 / EP61205 / AI61003	B / HS30203		AI61005
AG	29 + 8(FP)+ 7(EP) + 1 (AI)	AI61005					B / BM60112 / EP61205	B / HS30203		AI61005
AR	48						B	B		
BT	26 + 1(FP) + 1(EP) + 2 (AI)	AI61005					B / BM60112 / EP61205 / AI61003	B		AI61005
CE	75 + 3(FP) + 1(EP) + 5 (AI)	AI61005					B / BM60112 / EP61205 / AI61003	B / HS30203		AI61005
CH	82 + 14(FP)+ 1(PT) + 3 (AI)	AI61005					B / BM60112 / AI61003 / PT	B / HS30203		AI61005
CS	90 + 1 (AI)	AI61005								AI61005
EC	100 + 1(FP) + 1 (AI)	AI61005					B / BM60112 / AI61003	B / HS30203		AI61005
EE	87 + 3(FP) + 2 (AI)	AI61005					B / BM60112 / AI61003	B / HS30203		AI61005
IE	49 + 3 (AI)	AI61005					B / AI61003	B		AI61005
IM	47 + 3(FP) + 1 (AI)	AI61005					BM60112	HS30203		AI61005
ME	105 + 14(FP) + 2 (AI)	AI61005					BM60112 / AI61003	HS30203		AI61005
MF	48 + 2(FP) + 1(EP) + 1 (AI)	AI61005					BM60112 / EP61205 / AI61003	HS30203		AI61005
MI	43 + 6(FP) + 2(EP) + 1 (AI)	AI61005					B / BM60112 / EP61205	B / HS30203		AI61005
MT	52 + 2(FP) + 1(EP) + 5 (AI)	AI61005					B / BM60112 / EP61205 / AI61003	B / HS30203		AI61005
NA	31 + 2(FP) + 1(EP) + 3 (AI)	AI61005					BM60112 / EP61205 / AI61003	HS30203		AI61005
M. Sc. (5 Yr.)	CY	29								
	EX	20					B	B		
	GG	33 + 1(PT)					PT			
	HS	65								
	MA	76								
	PH	37					B	B		

) **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 Elective Subjects** (Allocation will be made in these slots)

Central Time Table Autumn 2023– 2024 (Second Year and Above), First Version

COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR (Dual Degree) (New Curricula)

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	28								
AGD	26						B	B	
BT1	24						B	B	
CED	35						B	B	
CH1	27						B	B	
CS2	63								
ECD	63								
EED	34						B	B	
IE4	3						B	B	
IE5	5						B	B	
IM1	30								
MED	73								
MF1	21								
MI1	17						B	B	
MI3	14						B	B	
MT1	22						B	B	
NA1	27								
QE	12								
QM	11								

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

COMMON SUBJECTS AND BREADTH SLOTS FOR FIFTH YEAR (2019 Batch)

Only the following disciplines have Breadth/HSS components

THESE AND THE OTHER 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
AR	43		HSS					HSS	
EC7	6						B	B	
EC8	4						B	B	
EC9	51						B	B	
EX	23						B	B	
GG	37						B	B	
HS	53						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 (78) + MA (72)	150	G3	NR221

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

3-0-0

Section	Departments	No. of Students	Slot	Room
1	AG (101) + HS (60) + EX (50) + MA (72)	283	B3	NR221
2	ME (174) + GG (53)	227	B3	NR222

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

3-0-0

Section	Departments	No. of Students	Slot	Room
1	IE (45) + EE (115) + EX (50)	210	A3	NR221
2	CS (155) + PH (50)	205	B3	NR321
3	MI (125) + MT (94)	219	A3	NR222
4	EC (150) + MF (71)	221	B3	NR322
5	CE (119) + AG (101)	220	A3	NR321
6	CY (45) + IM (73) + BT (76) + GG (3 rd Yr) (35)	226	B3	NR121
7	HS (60) + MA (70) + NA (84)	214	A3	NR322

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

3-1-0

Section	Departments	No. of Students	Slot	Room
1	AE (78) + NA (84)	162	C4	NR221
2	CS (155) + CY (45)	200	C4	NR222
3	MA (72) + IM (73) + PH(50)	195	C4	NR321

5. **EC29201** **Basic Electronics Laboratory**

0-0-3

Section	Departments	No. of Students	Slot	Room
1	AE (78) + MA (72)	150	J	In the Department
2	CS (155)	155	L	
3	CY (45) + IM (73)	118	N	
4	NA (84) + PH(50)	134	X	

6. **EE21201** **Signals and Systems**

3-1-0

Section	Departments	No. of Students	Slot	Room
1	CS (155) + EE (115) + IE (45)	315	E4	V2

7. **EE29201** **Signals and Networks Laboratory**

0-0-3

Section	Departments	No. of Students	Slot	Room
1	EE (115)	115	J + N + P	In the Department
2	IE (45)	45	J + N + X	

8. **EE21203** **Network Analysis**

3-1-0

Section	Departments	No. of Students	Slot	Room
1	EE (115)+ IE (45)	160	C4	NR322

9. **EE21205** **Analog Electronic Circuits**

3-1-0

Section	Departments	No. of Students	Slot	Room
1	EE (115)+ IE (45)	160	F4	NR322

10. **IM21201** **Operations Research**

3-1-0

Section	Departments	No. of Students	Slot	Room
1	HS (60) + IM (73)	133	F4	NR223, NR224

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

Section	Department	No. of Students	Slot	Room
1	CE (119) + MI (125)	244	C4	NR323, NR324

12. ME21201 **Fluid Mechanics** **3-1-0**

Section	Department	No. of Students	Slot	Room
1	AG (101)	101	F4	NR124
2	ME (B.Tech.) (102)	102	F4	NR324
3	ME (Dual) (72)	72	F4	NC142
4	NA (84)	84	F4	NC241

13. ME21203 **Mechanics of Solids** **3-1-0**

Section	Departments	No. of Students	Slot	Room
1	ME (B.Tech.) (102)	102	C4	NR423
2	ME (Dual) (72) + MF (71)	143	C4	NR421

14. CH21203/CH21103 **Chemical Process Calculations** **3-1-0**

Section	Departments	No. of Students	Slot	Room
1	CH (117) + BT 3 rd year (61)	178	D4	NR221

15. ME21205 **Dynamics** **3-1-0**

Section	Department	No. of Students	Slot	Room
1	ME (B.Tech.) (102)	102	E4	NR423
2	ME (Dual) (72) + MF (71)	143	E4	NR421

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

Section	Department	No. of Students	Slot	Room
1	IM (73)	73	P	In the Department
2	ME (B.Tech) (102)	102	L	
3	ME (Dual) (72)	72	J	
4	MF (71)	71	X	

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

Section	Department	No. of Students	Slot	Room
1	ME (B.Tech) (102) + MF (Dual) (22)	124	N	In the Department
2	MF (B.Tech) (49) + ME (Dual) (72)	121	J	

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

Section	Department	No. of Students	Slot	Room
1	CE (109) + AR(40)	149	C4	NR411

19. EE40013 Digital Signal Processing 3-0-0

Section	Department	No. of Students	Slot	Room
1	EE(127) + IE (51)	178	C3	NR212

20. EE31009 Control System Engineering 3-1-0

Section	Department	No. of Students	Slot	Room
1	EE(127) + IE (51) + QE (1)	179	E4	NR312

21. EE31011 Power Electronics 3-1-0

Section	Department	No. of Students	Slot	Room
1	EE(127) + QE (1)	128	D4	NR214

22. IM31005 **Quality Design and Control** **3-1-0**

Section	Department	No. of Students	Slot	Room
1	IM (81) + QE (1)	82	C4	NR214

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

Section	Departments	No. of Students	Slot	Room
1,2	MF (70) + ME (191)	261	G3 + S31	NR412, NR413

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

Section	Department	No. of Students	Slot	Room
1	MF (70) + ME (191) + QE (1)	262	A3	NR412, NR413

25. ME31203 **Kinematics and Kinetics of Machines** **3-1-0**

Section	Department	No. of Students	Slot	Room
1	MF (70) + ME (191)	261	E4	VI

26. ME31201 **Casting Forming and Welding** **3-1-0**

Section	Department	No. of Students	Slot	Room
1	MF (70) + ME (191)	261	D4	NR412, NR413

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

Section	Department	No. of Students	Slot	Room
1	MF (70) + ME (191)	261	C4	NC142, NC242, NC342, NC442

28. 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

29. 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(2)	NR121

30. 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)	NR222, NR321, NR322

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

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

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

34. 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