<u>Indian Institute of Technology Kharagpur</u> <u>Central Time Table</u> <u>Spring Semester (2022–2023)</u>

(Second Year and Above)

January 6, 2023

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Academic Units must ensure at least two out of the three designated breadth slots are available for students. Subjects must be scheduled strictly in accordance with the time table slotting pattern. If cross slotting has to be done due to compelling reasons, then it can be done with one hour of 'S' slot along with a regular 3 hour slot

CENTRAL TIMETABLE: SPRING SEMESTER (2022-2023)

TABLE-1 - TIME TABLE SLOTTING PATTERN

Time Day	Period	1	2	3	4	5		6	7	8	9
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				-10:55							
A2		A3(1)	1 st Ye		T Q-1	` '		TT		(1.2)	
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TUE						A3(3)	IJ		03(3)	-	
B3(2, 3)	TUE	В	32			(-)		U4(3	, 4)	H3(2, 3)
WED		B3 (2, 3)			::K	14	I	LAB SLOT:I	L	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			1 st Yea	ar LAB SLC	T R-1	F2(1)	\mathbf{C}				
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		C4(I AD CL C		: K					
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THU F4(2) LAB SLOT:M U LAB SLOT:N S3(2)		D4(4)	F 3(2)	C4(4)		G 3(2)	0	I2 (1)			
Tab SLOT:N LAB	THU	(-)	F4(2)			M		12(1)			S3(2)
FRI G3(3) E2 F2 E3(3) F3(3) V4(3, 4) V4(3, 4) LAB SLOT:P SAT SAT			, , ,		LAB SLU1	:M	U	I	LAB SLOT:	V	
FRI							R				
FRI E3(3) F3(5) V4(3, 4) E4(3, 4) F4(3, 4) LAB SLOT:P S3(3) SAT EAA		G3(3)		2		F2				12(2)	
SAT EA(S, 4) LAB SLOT:P S3(3) SAT	FRI	G 5(5)		2 4)		1(2, 4)		V4(3	, 4)	(_)	GO (O)
SAT EAA			£4(3, 4)		` ′ ′]	LAB SLOT:	P	S3(3)
					LAD SLUI	1:0					
2 Hour Slot 2 hour slot 4 Hour Slot Lab Slot for 1st year only Special Slot for EAA Officelly No Class	SAT			EAA							
2 Hour slot 3 hour slot 4 Hour slot Lab slot Lab slot for 1 year only Special slot for EAA Officially No Class	2 Hour Slot	3 hour slo	ot 4 Hour	r Slot Lal	Slot Lab S	Slot for 1st year or	nly	Special Slot for	r EAA Off	ically No Class	

OVERALL STRUCTURE OF TIME – TABLE FOR SECOND YEAR (NEW CURRICULA)

ONLY COMMON SUBJECTS AND BREADTH/HSS SLOTS ARE INDICATED, DEPARTMENTS ARE FREE TO FIX THE CORE/ELECTIVE SUBJECTS IN THE REMAINING SLOTS

DI	ЕРТ	No. of Students	A3	В3	C4	D3/4	E3/4	F 4	G3	U3/4	X
A	E	77	MA20202 - 1	HSS					HSS		
A	\G	76			EC21201	HS21201	ME21202	В	В		
A	R	40		HSS				CE21206	HSS		
E	BT	60			EC21201	CH21202					
(CE	106		HSS	EC21201			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	HSS		
C	CH	127	MA20202 - 1			CH21202					
	CS	155		HSS				В	В		
F	EC	165									
F	EE	124			EE21206	EE21208	EE21202	В	В		
1	E	48				EE21208	EE21202				
I	M	79	MA20202 - 2					В	В		
N	1E	189	MA20202 - 3		EC21201	В	ME21202	IM20204	В		
N	IF	71	MA20202 - 3		EC21201	В	В	IM20204	В		
N	ΛI	82			EC21201	HS21201		В	В		
N	1 T	79	MA20202 - 2								
N	JA	60		MA20204			ME21202	В	В		
) E	1			EE21206	EE21208	EE21202	IM20204	В		
_	CY	33	MA20202 - 1	HSS		,	PH21212		HSS		
B.	EX	23	MA20202 - 1		A	HS21201					
S.	GG	41				HS21201		В	В		
(4	HS	68						В	В		
Yr.)	MA	79	MA20202 - 2	MA20204				В	В		
	PH	45		HSS			PH21212		HSS		

B: - Breadth Elective Subjects (Allocation will be made in these slots) EAA is scheduled on SATURDAY morning between 8:00 AM -12:55 PM Additional slots for EAA has been allotted on Mondays, Tuesdays, Thursdays and Fridays from 6:30 PM – 8:30 PM

OVERALL STRUCTURE OF TIME – TABLE FOR THIRD YEAR (NEW CURRICULA)

COMMON SUBJECTS AND BREADTH/HSS SLOTS ARE INDICATED. DEPARTMENTS ARE FREE TO FIX THE CORE/ELECTIVE SUBJECTS IN THE REMAINING SLOTS

DE	PT	No. of Students	A3	В3	C4	D4	E3/4	F4	G3	U3/4	X
A	E.	75 + 1(FP) + 1(EP)		MA60280							
A	G	54 + 8(FP) + 7(EP)		MA60280			1	A			
A	R	48	CE31004	ME40107							
В	Т	50 + 1(FP) + 1(EP)		MA60280 / B			В			В	
C	E	110 + 3(FP) + 1(EP)	CE31004	MA60280							
	H	108 + 14(FP) + 1(PE)		MA60280 / BM40004 / B			В			В	
	S	152									
E	C	162 + 1(FP)		MA60280							
E	E	$122 + 3(\overline{FP})$	EE30004	MA60280 / B		CS31702	В			В	
	E	49	EE30004			CS31702					
	M	77 + 3(FP)		MA60280 / B			В	ME30604		В	
M	E	176 + 15(FP) + 1(EP)		MA60280 / B	MF30604		В	ME30604		В	
M	IF	72		В	MF30604		В	ME30604		В	
	II	72 + 7(FP) + 2(EP)		MA60280 / B			В			В	
M	T	74 + 2(FP) + 1(EP)		MA60280			EP61201				
N	Α	59 + 2(FP) + 1(EP)		MA60280 / B			В			В	
Q	E	12	EE30004	В	IM31002		IM31011			В	
Q	M	11		В	IM31002		IM31011	ME30604		В	
	CY	29									
M.	EX	20		MA20204							
Sc.	GG	33 + 1 (PE)		BM40004 / B			В			В	
(5	HS	63		MA60308							
Yr.)	MA	77		MA60308			В			В	
	PH	37									

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

FP Indicates students from Interdisciplinary Dual Degree Program of Financial Engineering MA60280 in B3 slot for Interdisciplinary FP students.

EP Indicates students from Interdisciplinary Dual Degree Program of Engineering Entrepreneurship EP61201 in B3 slot for Interdisciplinary EP students...

BM40004 is compulsory for Trans-disciplinary Petroleum Engineering(PE) students

OVERALL STRUCTURE OF TIME – TABLE FOR FOURTH YEAR

COMMON SUBJECTS AND BREADTH/HSS SLOTS ARE INDICATED. DEPARTMENTS ARE FREE TO FIX THE CORE/ELECTIVE SUBJECTS IN THE REMAINING SLOTS

DEPT	No. of Students	A3	В3	C4	D3/4	E3/4	F4	G3	U3/4	N
AE	26 + 5 (AI)		M			M	AI61002			AI
AG	36 + 5 (FP) + 2 (EP)		BM40012/EP60006			BM40006/EP-Elective				BM49002
AR	43					TRAINING				
BT	15 + 1 (FP) + 3 (EP) + 2 (AI)		BM40012/EP60006			BM40006/EP-Elective	AI61002			BM49002 / AI
CE	61 + 1 (FP) + 5 (AI)		BM40012 / M			BM40006/M	AI61002			BM49002/ AI
CH	57 + 2 (FP) + 2 (PE) + 3 (AI)	PE-Elect	BM40012			BM40006/PEC2	AI61002	PEC1		BM49002/ AI
CS	83		M			M				
EC	80 + 1 (AI)		HSS				AI61002	HSS		AI
EE	69 + 2 (FP) + 2 (AI)		BM40012			BM40006	AI61002			BM49002 / AI
IE	33 + 3 (AI)						AI61002			AI
IM	35 + 3 (FP)		B/BM40012			B/ BM40006			В	BM49002
ME	76 + 5 (FP) + 1 (EP) + 2 (AI)		M/ BM40012/EP60006		YA	M/BM40006/EP-Elective	AI61002			BM49002 / AI
MF	33 + 2 (EP) + 1 (AI)		EP60006			EP-Elective	AI61002			AI
MI	30 + 7 (FP) + 3 (EP) + 3 (PE)	PE-Elect	BM40012/EP60006			BM40006/EP-Elective/PEC2		PEC1		BM49002
MT	36 + 3 (FP) + 5 (AI)		M/ BM40012			M/ BM40006	AI61002			BM49002/ AI
NA	14 + 2 (FP) + 2 (EP) + 3 (AI)		M/ EP60006/ BM40012			M/BM40006/EP-Elective	AI61002			BM49002 / AI
QE	8				I	NTERNSHIP				
QM	10				I	NTERNSHIP				
CY	26									
EX	23 + 3 (PE)	PE-Elect								
GG	37									
HS	54		MA40004							
MA	64		MA40004			M				
PH	38		HSS					HSS		

FP Indicates students from Interdisciplinary Dual Degree Program: Financial Engineering: BM40006, BM40012 and BM49002 for FP students only.

EP Indicates students from Interdisciplinary Dual Degree Program: Engineering Entrepreneurship EP60006 for EP students only, EP – Elective for EP Students.

AI Indicates students from Interdisciplinary Dual Degree Program: Artificial Intelligence, Machine Learning and Applications – AI61002 and Design Laboratory in N slot

PEC1—PE Depth 1-PE40002, PEC2—PE Depth 2—PE60002, PE-Elect—PE Elective

OVERALL STRUCTURE OF TIME – TABLE FOR FOURTH YEAR (DUAL-DEGREE)

COMMON SUBJECTS AND BREADTH/HSS SLOTS ARE INDICATED. DEPARTMENTS ARE FREE TO FIX THE CORE/ELECTIVE SUBJECTS IN THE REMAINING SLOTS

DEPT	No. of Students	A3	В3	C4	D3/4	E3/4	F4	G3	U3/4
AE1	33		M			M			
AG2	1								
AG5	1								
AG6	28					· ·			
BT1	30								
CE1	5		M			M			
CE3	5		M			M			
CE6	22		M			M			
CH1	45								
CS2	57		M			M			
EC7	6								
EC8	4								
EC9	51								
EE2	2								
EE3	1			• 🔺					
EE6	1								
EE7	3			,					
EE8	30			7					
IE4	2								
IE5	5		70						
IM1	30		В			В			В
ME1	60		В			В			В
ME3	12 9		B B			В			В
ME6 MF1	24		D			В			В
	24								
MI1 MI3	17								_
MT1	32		M			M			_
						M			_
NA1	26		M			M			

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

M: - Management Breadth

OVERALL STRUCTURE OF TIME - TABLE FOR FIFTH YEAR (DUAL-DEGREE, AR and 5yr.M.Sc

No **Professional Breadths/HSS/Management Electives**. Concerned Departments may please schedule the **Elective/Core** subjects according to their convenience.

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

1. MA20202

Transform Calculus

3-0-0

Section	Departments	No. of Students	Slot	Room
1	AE(77) + CH(127) + CY(33) + EX(23)	260	A3	NR121
2	IM (79) + MA (79) + MT (79)	237	▲ A3	NR221
3	ME (189) + MF (71)	260	A3	NR222

2. MA20204

Applied Computational Methods

3-0-0

Section	Departments	No. of Students	Slot	Room
1	$MA(79) + NA(60) + EX(3^{rd} Year)(20)$	159	B3	NR221

3. EC21201

Basic Electronics

3-1-0

Section	Departments	No. of Students	Slot	Room
1	AG (76) + BT (60)	136	C4	NR121
2	CE (B.Tech) (76) + ME (Dual Degree) (80)	156	C4	NR221
3	MF (71) + MI (82)	153	C4	NR222
4	ME (B.Tech) (109) + CE (Dual Degree) (30)	139	C4	NR321

4. EC29201

Basic Electronics Laboratory

0-0-3

Section	Departments	No. of Students	Slot	Room
1	AG (B.Tech) (38) + ME (Dual Degree) (80)	118	J	
2	BT (60) + MF (71)	131	L	
3	MI (82) + AG (Dual Degree) (38)	120	N	
4	ME (B.Tech) (109)	109	X	
5	CE (106)	106	P	

5.	CH21202	Mass Transfer I			3-1-0		
	Section	Departments		No. of	Students	Slot	Room
	1.	BT (60) + CH (127)			187	D4	NR123, NR124
6.	EE21208	Digital Electronic Circuits			3-1-0		
	Section	Departments		No. of	Students	Slot	Room
	1	EE (124) + IE (48) + QE (1)			173	D4	NR222
7.]	EE21202	Measurements and Electronic Instru	ments		3-1-0		
	Section	Department		No. of	Students	Slot	Room
	1	EE (124) + IE (48) + QE (1)			173	E4	NR221
8. 1	M20204	Operations Research	4		3-0-0		
	Section	Department	No. of Stude	ents	Slot	Roc	om
	1	ME (189) + MF (71) + QE (1)	261		F3	NR213, NR.	313, NR414
9. 1	ME21202	Basic Thermodynamics			3-1-0		
	Section	Departments	No. of Stude	ents	Slot	Roc	om
	1	AG (76) + ME (189) + NA (60)	325		E4	NR123, NR223,	NR224, NR323
10.	HS21201	Economics			3-1-0		
	Section	Departments	No. of S	tudents	Slot	Roc	om
	1.	AG(76) + EX(23) + GG(41) + MI(82)	22	22	D4	NR223, NR2	224, NR323
11.	PH21212	Quantum Physics			3-1-0		
	Section	Departments		No.	of Students	Slot	Room
	1.	CY (33) + PH (45)			78	E4	NC223
						J	

Second Year and Above

Central Time Table Spring 2022 2023

12.	CE31004	Design of Steel Structures	3-0-0

Section	Departments	No. of Students	Slot	Room
1.	AR (3 rd Year) (48) + CE (3 rd Year) (114)	162	A3	NR322

13. CS31702 Computer Architecture and Operating System 4-0-0

Section	Departments	No. of Students	Slot	Room
1.	EE (3 rd Year) (125) + IE (3 rd Year) (49)	174	D4	V1

14. EE30004 Embedded Systems 3-0-0

Section	Departments	No. of Students	Slot	Room
1.	EE (3 rd Year) (125) + IE (3 rd Year) (49) + QE (3 rd Year) (12)	186	A3	NR421

15. ME30604 Machines Tools and Machining 3-1-0

Section	Departments	No. of Students	Slot	Room
1.	$IM (3^{rd} Year) (80) + ME (3^{rd} Year) (192) + MF (3^{rd} Year) (72) + QM (3^{rd} Year) (11)$	355	F4	NR221, NC441, NC442, NC443

16. MF30604 Non-Traditional Manufacturing Processes 3-0-0

Section	Departments	No. of Students	Slot	Room
1.	ME (3 rd Year) (192) + MF (3 rd Year) (72)	264	C3	NR421

17. HSS Subjects: B3/G3 slots (For 4 credits subjects can use B3 + S3(1 or 2)) 3-0/1-0

- 18. Management Breadths: B3, E3/4 slots.
- 19. Slots for Breadth Elective Subjects: B3, E3/4, U3/4 slots. At least one slot must be available for the student.

20. 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

For NSO (H & F): 4(Four) rooms are allotted in NR121, NR122, NR221 and NR222 on Saturdays at 8:00 AM to 10:00 AM