



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela
CENTRAL TIME TABLE, SPRING SEMESTER 2023-24
For all Semesters, all Branches, all Programmes and all Courses

GENERAL SLOT INFORMATION (T-P Sequence)

Period	1	2	3	4	L U N C H	5	6	7	8	9
Day	0800-0855	0900-0955	1000-1055	1105-1200		1315-1410	1415-1510	1515-1610	1620-1715	1720-1815
MON	TA1	TB1	TC1	TE1		PA			TF1	ZA1
						PI				
TUE	TB2	TC2	TD1	TE2		PB			TF2	ZB1
						PJ				
WED		PX				TG1	SA1	SB1	SC1	ZA2
		PU					PY			
	SM1	SJ1	SK1	SL1			PV			
THU	TC3	TD2	TA2	TG2		PC			TF3	ZC1
						PK				
FRI	TD3	TA3	TB3	TE3		PD			TG3	ZA3
					PL					

GENERAL SLOT INFORMATION (P-T Sequence)

Period	1	2	3	4	L U N C H	5	6	7	8	9
Day	0800-0855	0900-0955	1000-1055	1105-1200		1315-1410	1415-1510	1515-1610	1620-1715	1720-1815
MON	PE			TE1		TJ1	TK1	TL1	TF1	ZA1
		PM								
TUE	PF			TE2		TK2	TL2	TM1	TF2	ZB1
		PN								
WED		PX				TG1	SA1	SB1	SC1	ZA2
		PU					PY			
	SM1	SJ1	SK1	SL1			PV			
THU	PG			TG2		TL3	TM2	TJ2	TF3	ZC1
		PQ								
FRI	PH			TE3		TM3	TJ3	TK3	TG3	ZA3
		PS								

SPRING SEMESTER 2023-24

CLUSTER-WISE GROUPING ARRANGEMENT FOR UG FIRST YEAR

Sl.No.	Cluster / (Disciplines)	Cluster No.
1	Mechanical (ME, ID, MM, MN, CE, PA)	CL1
2	Electrical (EE, EC, EI, CS)	CL2
3	Chemical (CH, CR, BM, BT, FP)	CL3
4	Integrated Sciences (PH, CY, MA, LS)	CL4

CLUSTER-WISE SEQUENCE FOR UG FIRST YEAR

THEORY COURSES		
Cluster and Disciplines	Departments	Sequence
CL1	ME + ID	P-T
CL1	MM + MN	P-T
CL1	CE	P-T
CL1	PA	P-T
CL3	CH+CR	P-T
CL3	BM+BT+FP	P-T
CL2	CS	T-P
CL2	EC+EI	T-P
CL2	EE	T-P
CL4	LS+MA+PH+CY	T-P

Time Table Information for UG 2nd Semester

THEORY

THEORY COURSES				
Course Basket	COURSE ID	COURSE TITLE (L-T-P)	DEPARTMENTS	TIME SLOT
Applied Mathematics – II (3- 0-0=3)	MA1004	Applied Mathematics – II	ME+ID	TJ
			MM+MN	TJ
			CE	TL
			CH+CR	TL
			BM+BT+FP	TL
			CS	TC
			EC+EI	TC
			LS+MA+PH+CY	TD
Applied Physics (3-0-0=3)	PH1004	Electromagnetic and quantum Physics	CS	TA
			EC+EI	TA
			EE	TB
	PH1006	Modern Physics	LS+MA+PH+CY	TB
Applied Chemistry (3-0-0=3)	CY1002	Chemistry of Materials for Energy Applications	ME+ID	TL
			MM+MN	TL
	CY1004	Analytical Chemistry and Biomolecules	CH+CR	TJ
			BM+BT+FP	TJ
Biological Science (2-0-0=2)	LS1001	Biology	CS	TD
			EC+EI	TD
			EE	TA
			LS+MA+PH+CY	TA
Engineering Fundamentals (3-0-0=3)	CE1100	Engineering Mechanics	CS	TE
			EE	TE
			ME	TE
			BM+BT+CR+FP	TK
	EE1000	Basic Electrical Engineering	MM+MN	TG
			CE	TK
			CS	TB
			EC+EI	TB
			CH+ ID	TG
			LS+MA+PH	TC
	EC1000	Basic Electronics Engineering	ME+ID	TM
			MM+MN	TM
CE			TM	

			CH+CR+FP	TM
			EE	TC
			MA+PH+CY	TE
	BM1002	Introduction to Bioengineering	LS	TE
			CY	TC
			BM+BT	TE
	ME1002	Basic Thermal Engineering	EC+EI	TE
Environment and Safety Engineering (3-0-0=3)	CH1400	Environment and Safety Engineering	ME+ID	TK
			MM+MN	TK
			CE	TF
			CH+CR	TE
			BM+BT+FP	TF
Communicative English (2-0-0=2)	HS1300	Communicative English	ME+ID	TF
			MM+MN	TF
			CE+PA	TE
			CH+CR	TF
			BM+BT+FP	TE
Value Education and Ethics (1-0-0=1)	EA1270	Value Education and Ethics	PA	TG
			CS	TG
			EE	TG
			EC+EI	TG
			LS+PH+CY+MA	TG

Time Table Information for UG 2nd Semester

LABORATORY/ SESSIONAL COURSES

LABORATORY COURSES				
COURSE ID	COURSE TITLE (L-T-P)	GROUP	TIME SLOT	ROOM
PH1070	Applied Science Lab (Physics) (0-0-3=2)	CS	PA	Department of Physics
		EC+EI	PB	
		EE	PC	
		LS+MA+PH+CY	PY	
CY1170	Applied Science Lab (Chemistry) (0-0-3=2)	ME+ID	PE	Department of Chemistry
		MM+MN	PF	
		CE	PG	
		CH+CR	PH	
		BM+BT+FP	PX	
CE1010	Computer Aided Drawing and Graphics (0-0-3=2)	ME+ID	PB	Computer Centre (LA)
		MM+MN	PC	
		CE	PD	
		CH+CR	PY	
		BM+BT+FP	PA	
CS1010	Programming for Problem Solving (1-0-2=2)	CS	PF	Computer Centre (LA)
		EC+EI	PG	
		EE	PH	
		LS+MA+PH+CY	PE	
ME1000	Workshop Practice (0-0-3=2)	CS	PC	Central Workshop
		PA	PE	
		EC+EI	PD	
		EE	PX	
		LS+MA+PH+CY	PA	

TIME TABLE INFORMATION FOR UG SPRING (4th, 6th and 8th) SEMESTER
(COMMON COURSES - THEORY)

THEORY COURSES				
COURSE ID	COURSE TITLE (L-T-P)	Branch	TIME SLOT	ROOM
PH2002	Optics	PH, MA	TB	TBA*
PH2004	Introduction To Classical Mechanics	CY, MA, PH	TF	TBA*
CY2102	Organic Chemistry: Structure and Reactivity	CY, LS, MA	TB	TBA*
CY2202	Structure and Bonding in Inorganic Chemistry	PH, CY	TA	TBA*
EE3011	Electrical Machines	EC, EI	TK	TBA*
		ME	TL	TBA*
MA2104	Complex Analysis	EE, MA, PH-6th	TG	TBA*
MA2306	Mathematical Methods	BM, BT, PH, MA	TC	TBA*
		ME, CY-6th	TK	TBA*
MA3202	Linear Programming	MA, PH	TK	TBA*
SM6611	Business Research Methodology	CH, CR, FP, CY, LS, PH (6 th Sem)	TF	TBA*
		CS, EC, EI (8 th Sem)		
BM4612	Artificial Intelligence and Machine Learning	BM,BT,ID	TE	TBA*
CE2202	Structural Analysis	CE,PA	TA	TBA*
CE3202	Design of Steel Structure	CE,PA	TG	TBA*
PA3912	Theory of Design	PA,ID	TM	TBA*
CH6235	Resource Recovery from Waste	CH+CE	TE	TBA*
	HS Electives-II	All Branches (4 th Sem)	TE	TBA*
	Minor Electives	All Branches (4 th and 6 th Sem)	TF	TBA*

***TBA – To be assigned**

TIME TABLE INFORMATION FOR UG SPRING (4th, 6th and 8th) SEMESTER

(COMMON COURSES – LABORATORY/SESSIONAL)

LABORATORY/SESSIONAL COURSES				
COURSE ID	COURSE TITLE (L-T-P)	Branch	TIME SLOT	ROOM
EE 2700	Basic Electrical Lab (0-0 -2)	BM, BT, LS	PC	Department of Electrical Engg.
		CR, PH	PB	
		CH	PH	
		MM	PE	
EC 2700	Basic Electronics Lab (0-0 -2)	CE	PC	Department of Electronics & Comm. Engg.
		ME1, ID	PE	
		ME2	PF	
		MA, CY	PB	
		MN, FP	PX	
HS1270	Language Lab (0-0 -2)	BM, PH	PA	Computer Centre (LA)
		BT	PA	
		CH	PG	
		MM	PG	
		CR	PC	
		EC	PF	
		EI	PF	
		EE-1	PE	
EE-2	PE			
PH2072	Waves and Optics Laboratory	PH, MA	PC	Department of Physics
CY3704	Quantitative Analysis of Inorganic Compounds	CY, MA	PE	Department of Chemistry
CE2704	Surveying Field Work	CE,PA	PB	Department of Civil Engg.
	Minor Lab	All Branches (4 th and 6 th Sem)	PY	Respective departments offering the course

Time Slot Sequence

(All departments are requested to follow the semester wise allotted time slot sequence)

Sem →	4 th	6 th	8 th	10 th
↓ Dept				
BM/BT	T-P	P-T	T-P	-
CR	T-P	P-T	T-P	-
CE	T-P	P-T	T-P	-
CH	P-T	P-T	T-P	-
CS	T-P	P-T	T-P	-
EE	P-T	P-T	T-P	-
ECE, EI	P-T	P-T	T-P	-
FP	P-T	T-P	P-T	-
ID	P-T	P-T	T-P	-
ME	P-T	P-T	T-P	-
MM	P-T	P-T	T-P	-
MN	T-P	P-T	T-P	-
CY	T-P	P-T	T-P	P-T
LS	T-P	P-T	T-P	P-T
MA	T-P	P-T	T-P	P-T
PH	T-P	P-T	T-P	P-T
ER	T-P	P-T	-	-
PA	T-P	P-T	-	-

SAMPLE NOTATIONS

T-P Sequence = Practical in afternoon [Slots available: TA, TB, TC, TD, TE, TF, TG, PA, PB, PC, PD, PX, PI,PJ, PK, PL, PU]

P-T Sequence = Practical in forenoon [Slots available: TJ, TK, TL, TM, TE, TF, TG, PE, PF, PG, PH, PY, PM,PN, PQ, PS,PV]

TA1 = 1st Lecture of A slot for Theory courses

PA, PB, PC, PD, PE, PF, PG, PH, PX, PY = slots for 3 hour Practical courses (L-T-P : 0-0-3)PI,

PJ, PK, PL, PM, PN, PQ, PS, PU, PV = slots for 2 hour Practical courses (L-T-P : 0-0-2)

Course Allocation

1. All departments are requested to follow the semester wise allotted time slot sequence. 2 hr slots may be allotted for 2 hr Practical courses
2. TF slot is reserved for Minor courses.
3. PV slot is reserved for Minor Laboratory courses.
4. TE slot is reserved for HS Elective.
5. TE and TF slots can be used for both P-T and T-P sequence courses.
6. TG slot is to be used for 3-credit courses or Tutorials only.
7. SA1, SB1, SC1, SM1, SJ1, SK1 and SL1 slots will be used for tutorials only (No theory).
8. If a department fulfills its tutorial requirements by tutorial slots in point 9, (i.e., at least three 4-credit courses),it can offer theory in TG slot.
9. TG slot can be used for PE if available.
10. If a sessional fall in PX or PY slot, then the tutorials may be suitably allocated in the afternoon / morning session respectively.
11. ZA is a THEORY SLOT and ZB1 & ZC1 are its associated tutorial slots. This slot will be allotted by any department only if all other options have been found unsuitable for a particular subject.

Association of Tutorial slots with Theory slots

Theory Slot	TA	TB	TC	TD	TE	TF	TJ	TK	TL	TM
Associated Tutorial Slot	SA1	SB1	SC1	TG1	TG2	TG3	SJ1	SK1	SL1	SM1