

Course Time-Table for July- Nov 2023 (Monsoon Semester)

Name of the Academic Department / Center: Chemical Engineering

Academic Year: 2023

Session: July- Nov 2023 (Monsoon Semester)

The Complete List of all Courses that will be offered by the Department/ Center in the next semester (including preparatory, core, compulsory, elective, theory, lab, seminar, project, reading course, etc.) is to be given below.

Sl. No.	Course No.	Course Title	L	T	P	C	Type of Course (Compulsory / Open Elective/ Dept. Elective)	Offered to Whom (Program & Semester)	Name(s) of Course Instructor(s)	ITG Email ids of instructors (without @itg.ac.in)	Class Slot	Exam Slot	Room No.	Appx. Student Strength
1	CL 201	Chemical Process Calculations	2	1	0	6	Compulsory	UG & 3 (CL, CH)	Moholkar VS, Animes K Golder	vmoholkar, animes	C	C	5005 / 5203	150
2	CL 202	Fluid Mechanics	2	1	0	6	Compulsory	UG & 3 (CL, CH)	Raghendra Gupta, Tapas K Mandal	guptar, tapasche	D	D	5005 / 5203	150
3	CL 203	Chemical Engineering Thermodynamics	3	1	0	8	Compulsory	UG & 3	Amit Kumar	amtkumar	E	E	5005	90
4	CL 204	Heat Transfer	2	1	0	6	Compulsory	UG & 3	D. Bandyopadhyay	dipban	F	F	5005	90
5	CL 301	Mass Transfer - II	2	2	0	8	Compulsory	UG & 5	Mahuya De	mahuya	C1	C1	5005	90
6	CL 302	Chemical Reaction Engineering - II	2	1	0	6	Compulsory	UG & 5	A K Dasmahapatra	akdn	D1	D1	5005	90
7	CL 303	Process Control and Instrumentation	3	1	0	8	Compulsory	UG & 5	Prabirkumar Saha	p.saha	A1	B1	5005	90
8	CL 311	Technical Writing and Presentation	0	0	2	2	Compulsory	UG & 5	Rangopal Uppaluri	ramgopal	B1	A1	5005	90
9	CL 310	Solid Fluid Operations Laboratory	0	0	3	3	Compulsory	UG & 5	Mohanty Kaustubha; Nageswara Rao Peela	kmohanty, peelanr	ML4			
10	CL 398	General Learning of Chemical Engineering Research Project -	0	0	3	3	Optional	UG & 5	DUPC	dupc.chemical				
11	CL 498	Project - I	0	0	12	12	Compulsory	UG & 7	DUPC	dupc.chemical				
12	CL 501	Advanced Transport Phenomena	3	0	0	6	Compulsory	PG (MST & PST & CAPE) & I	Anugrah Singh	anugrah	C	C	5106	100
13	CL 502	Computer Aided Numerical Methods	2	1	2	8	Compulsory	PG (MST & PST & CAPE) & I	R. Anandalakshmi, Prakash Kotecha	anandalakshmi; pkotecha	B	B	5106	100
14	CL 511	Petroleum Reservoir Engineering	3	0	0	6	Compulsory	PG (PST) & I	Pankaj Tiwari	pankaj.tiwari	D	D	5106	40
15	CL 512	Petroleum Refinery Engineering	3	0	0	6	Compulsory	PG (PST) & I	G. Pugazhenth	pugal	A	A	5106	40
16	CL 513	Characterization of Materials	2	0	2	6	Compulsory	PG (MST) & I	Vaibhav V. Goud	vvgoud	A	A	4003	40
17	CL 645	Applied Statistics for Chemical Engineers	3	0	0	6	Compulsory	PG (CAPE) & I	Pallab Ghosh	pallabg	A	A	4004	40
18	CL 652	Process Modelling and Simulation	0	0	3	3	Compulsory	PG (CAPE) & I	Tamal Banerjee; S. Senthilmurugan	tamalb; senthilmurugan	ML5			
19	CL 698	Project - I	0	0	24	24	Compulsory	PG (MST, CAPE & PST) & III	DPPC	dppcchemical				
20	CL 612	Colloid and Interface Science	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	O. S. Deshmukh	o.deshmukh	A1	A1	5106	
21	CL 614	Fluidization Engineering	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	S. K. Majumder	skmaj	B1	B1	5106	
22	CL 623	Polymer Science & Technology	3	0	0	6	Open Elective and Dept. Ele.	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Vimal Kabbar	vkabbar	G	G		
23	CL 629	Membranes	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Bishnupada Mandal	bmandal	C1	C1	5106	
24	CL 630	Composite Materials	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Chandan Das	cdas	D1	D1	5106	
25	CL 634	Applied Rheology	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Nanda Kishore	nkishore	F4 -> C1	F4 -> C1	4003	
26	CL 635	Advanced Clean Fuel Technologies	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Prabu Vairakannu	y.prabu	G	G	4003	
27	CL 636	Microelectronic Fabrication	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Rajaraman Prasanna Venkatesh	rprasanna	F	F	4003	
28	CL 640	Research Methodology and Scientific Writing	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Mihir K. Purkait	mihir	E1	E1	5106	
30	CL 643	Computer aided applied optimization	2	0	2	6	Open Elective and Dept. Ele.	UG & (V, VII), MST & I, PST & I, CAPE & I, PhD & all	Prakash Kotecha	pkotecha	G1	G1	-	
31	CL 655	Enhanced Oil recovery (EOR)	3	0	0	6	Department Elective	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Abhjit Kakati; Sumit Kumar	abhjitkakati; s_kumar	G4 -> B1	G4 -> B1	4003	20
32	IFST 001	Advanced Food Processing	3	0	0	6	Compulsory	PG (IFST) & 1: Indian and Japanese	R. Anandalakshmi; Omkar S. Deshmukh	o.deshmukh; anandalakshmi	C	A	4004	10
33	IFST 002	International Joint Exercises in Food Science and Technology-I	1	0	0	2	Compulsory	PG (IFST) & 1: Indian and Japanese	Omkar S. Deshmukh	o.deshmukh				
34	IFST 003	International Joint Global Internship & Seminar	3	0	0	6	Compulsory	PG (IFST) & 1: Indian and Japanese	Chandan Das	cdas	B	B	4004	10
35	IFST 005	Design Thinking and scientific writing	3	0	0	6	Compulsory	PG (IFST) & 1: Indian	Mihir K. Purkait	mihir	E1	E1	4004	10
36	IFST 019	Joint Degree Dissertation	0	0	9	18	Compulsory	PG (IFST) & 3: Indian	V. V. Goud	vvgoud				

Faculty-wise course load

Sl. No.	Faculty	Course No.	Course Name	L	T	P	C	Offered to Whom (Program & Semester)	Core/Elec/Lab
1	Amit Kumar (AK)	CL 203	Chemical Engineering Thermodynamics	3	1	0	8	UG & 3	Core
2	Abhijit Kakati (AK2)	CL 655	Petroleum Reservoir Simulation	3	0	0	6	UG & VII, MST & I, PST & I, CAPE & I, PhD & all	Elec.
3	Animes K. Golder (AKG)	CL 201	Chemical Process Calculations	2	1	0	6	UG & 3 (CL, CH)	Core
4	Anugrah Singh (AS)	CL 501	Advanced Transport Phenomena	3	0	0	6	PG (MST & PST & CAPE) & I	Core
5	A. K. Dasmahapatra (AKDM)	CL 302	Chemical Reaction Engineering - II	2	1	0	6	UG & 5	Core
6	Bishnupada Mandal (BPM)	CL 629	Membranes	3	0	0	6	UG & (V,VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
7	Chandan Das (CD)	CL 630	Composite Materials	3	0	0	6	UG & (V,VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
		IFST 003	International Joint Global Internship & Seminar	0	0	3	3	PG (IFST) & 1: Indian and Japanese	Core
8	D Bandyopadhyay (DB)	CL 204	Heat Transfer	2	1	0	6	UG & 3	Core
9	G. Pugazhenti (GP)	CL 512	Petroleum Refinery Engineering	3	0	0	6	PG (PST) & I	Core
10	Kaustubha Mohanty (KB)	CL 310	Solid Fluid Operations Laboratory	0	0	3	3	UG & 5	Lab
11	Mahuya De (MD)	CL 301	Mass Transfer - II	2	2	0	8	UG & 5	Core
12	Mihir Kumar Purkait (MKP)	CL 640	Research Methodology and Scientific Writing	3	0	0	6	MST & (I, III), PST & (I, III), CAPE & (I, III), PhD & all	Elec.
		IFST 005	Design Thinking and scientific writing	3	0	0	6	PG (IFST) & 1: Indian	Core
13	Nanda Kishore (NK)	CL 634	Applied Rheology	3	0	0	6	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
14	N R Peela (NRP)	CL 310	Solid Fluid Operations Laboratory	0	0	3	3	UG & 5	Lab
15	Omkar S Deshmukh (OSD)	IFST 001	Advanced Food Processing	3	0	0	6	PG (IFST) & 1: Indian and Japanese	Core
		IFST 002	International Joint Exercises in Food Science and Techn	0	0	1	1	PG (IFST) & 1: Indian and Japanese	Core
		CL 612	Colloid and Interface Science	3	0	0	6	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
16	Pallab Ghosh (PG)	CL 645	Applied Statistics for Chemical Engineers	3	0	0	6	PG (CAPE) & I	Core
17	Pankaj Tiwari (PT)	CL 511	Petroleum Reservoir Engineering	3	0	0	6	PG (PST) & I	Core
18	Prabirkumar Saha (PKS)	CL 303	Process Control and Instrumentation	3	1	0	8	UG & 5	Core
19	Prabu Vairakannu (PV)	CL 635	Advanced Clean Fuel Technologies	3	0	0	6	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
20	Prakash Kotecha (PK)	CL 643	Computer aided applied optimization	2	0	2	6	UG & (V,VII), MST & I, PST & I, PhD & all	Elec.
		CL 502	Computer Aided Numerical Methods	2	1	2	8	PG (MST & PST & CAPE) & I, PhD	Core
21	P. S. G. Pattader (PSGP)	-	-						
22	R V S Uppaluri (RVSU)	CL 311	Technical Writing and Presentation	0	0	2	2	UG & 5	Core
23	R. Anandalakshmi (RA)	IFST 001	Advanced Food Processing	3	0	0	6	PG (IFST) & 1: Indian and Japanese	Core
		CL502	Computer Aided Numerical Methods	2	1	2	8	PG (MST & PST & CAPE) & I	Core
24	R. Prasanna V (RPV)	CL 636	Microelectronic Fabrication	3	0	0	6	UG & (VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.
25	Raghvendra Gupta (RG)	CL 202	Fluid Mechanics	2	1	0	6	UG & 3 (CL, CH)	Core
26	Senthilmurugan S (SS)	CL 652	Process Modelling and Simulation	0	0	3	3	PG (CAPE) & I	Lab
27	S. K. Mazumder (SKM)	CL 614	Fluidization Engineering	3	0	0	6	UG & VII, MST & I, PST & I, CAPE & I, PhD & all	Elec.
28	Sumit Kumar (SK)	-	-						Elec.
29	Tamal Banerjee (TB)	CL 652	Process Modelling and Simulation	0	0	3	3	PG (CAPE) & I	Lab
30	Tapas K. Mandal (TKM)	CL 202	Fluid Mechanics	2	1	0	6	UG & 3 (CL, CH)	Core
31	Vaibhav V. Goud (VVG)	CL 513	Characterization of Materials	2	0	2	6	PG (MST) & I	Core
		IFST 019	Joint Degree Dissertation	0	0	9	18	PG (IFST) & 3: Indian	Core
32	V. S. Moholkar (VSM)	CL 201	Chemical Process Calculations	2	1	0	6	UG & 3 (CL, CH)	Core
33	Vimal Katiyar (VK)	CL 623	Polymer Science & Technology	3	0	0	6	UG & (V,VII), MST & I, PST & I, CAPE & I, PhD & all	Elec.

New Institute Class Timetable										
	8:00 – 8:55	9:00 – 9:55	10:00 – 10:55	11:00 – 11:55	12:00 – 12:55	1:00 – 1:55	2:00 – 2:55	3:00 – 3:55	4:00 – 4:55	5:00 – 5:55
Monday	A	B	C	D	F	F1	D1	C1	B1	A1
	ML1						AL1			
Tuesday	E	A	B	C	F	F1	C1	B1	A1	E1
	ML2						AL2			
Wednesday	D	E	A	B	G	G1	B1	A1	E1	D1
	ML3						AL3			
Thursday	C	D	E	A	G	G1	A1	E1	D1	C1
	ML4						AL4			
Friday	B	C	D	F	G	G1	F1	D1	C1	B1
	ML5						AL5			