

Course Time-Table for July- Nov 2026 (Monsoon Semester)

Name of the Academic Department / Center: Chemical Engineering

Academic Year: 2026

Session: July- Nov 2026 (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, Specialization ; Deptt.)]	Name(s) of Course Instructor(s)	IITG Email ids of instructors (without @iitg.ac.in)	Class Slot	Exam Slot	Room No.	Offered Student Strength*
1	CL1101	Chemical Engineering Fundamentals	3	0	0	6	Compulsory	UG (I ; CL)	Moholkar VS	vmoholkar	A	A1	5304	100
2	CL1102	Fundamentals of Process Calculations	2	1	0	6	Compulsory Common Basic Sci. and Engg.	UG (I ; BSBE)	V. Prabu	v.prabu	A	A1	5406	100
3	CL1103	Fundamentals of Process Calculations	2	1	0	6	Compulsory Common Basic Sci. and Engg.	UG (I ; CST, CH)	R. Prasanna	rprasanna	A	A1	5301	70
4	CL2091M	Thermodynamics and Reaction Engineering	3	0	0	6	Minor - II	UG	Tamal Banerjee	tamalb	F	F	2201	
5	CL2101	Chemical Engineering Thermodynamics	2	1	0	6	Compulsory	UG (III ; CL)	Amit Kumar	amitkumar	E	E	5003	70
6	CL2102	Fluid Mechanics	2	1	0	6	Compulsory	UG (III ; CL)	Tapas K Mandal, Supriya Gupta	tapasche, spgupta	C	C	5003	100
7	CL2103	Heat Transfer	2	1	0	6	Compulsory	UG (III ; CL)	Dipankar Bandopadhyay; Debjit Ghoshal	dipban; debjitghoshal	F1	F1	2201	100
8	CL2104	Fluid Mechanics	2	1	0	6	Compulsory	UG (III ; CST, CH)	Ashok Desmahapatra	akdm	B	C	5006	100
9	ME2105	Basic Engineering Mechanics	2	1	0	8	Compulsory	UG (III ; CL)	U K Saha	saha	D	D	5003	100
10	DA2101H	Fundamentals of Data Science					Compulsory	UG (III ; CL)	Ratnajit Bhattacharjee	ratnajit	B	B	5003	100
11	CL3001	Mass Transfer - II	2	2	0	8	Compulsory	UG (V ; CL)	Siddhartha Mukherjee, Shambajit Roy	siddhartha.chem; shro3435@iitg.ac.in	C1	C1	5003	100
12	CL3002	Chemical Reaction Engineering - II	2	1	0	6	Compulsory	UG (V ; CL)	Raghvendra Gupta	guptar	D1	D1	5003	100
13	CL3003	Process Control and Instrumentation	3	1	0	8	Compulsory	UG (V ; CL)	Prabirkumar Saha	p.saha	A1	A1	5003	100
14	CL3010L	Solid Fluid Operations Laboratory	0	0	3	3	Compulsory	UG (V ; CL)	Nageswara Rao Peela, Debjit Ghosal, Supriya Gupta	peelanr ; debjitghoshal; spgupta; guptar	ML4		LAB	100
15	CL3011	Technical Writing and Presentation	0	0	2	2	Compulsory	UG (V ; CL)	Chandan Das	cdas	B1		5003	100
16	CL3098	General Learning of Chemical Engineering Research Project - I**	0	0	3	3	Optional	UG (V ; CL)	DUPC	dupc.chemical				
17	CL4098P	Project - I (BTP-I)	0	0	12	12	Compulsory	UG (VII ; CL)	DUPC	dupc.chemical				
18	CL5101	Advanced Transport Phenomena	3	0	0	6	Compulsory	PG (I, MST, PST, CAPE, PhD ; CL)	Nanda Kishore	nkishore	C	C	5004	80
19	CL5102	Computer Aided Numerical Methods	2	1	2	8	Compulsory	PG (I, MST, PST, CAPE, PhD ; CL)	Prakash Kotecha, R. Anandalakshmi	pkotecha; anandalakshmi	B	B	5004	100
20	CL5201	Petroleum Reservoir Engineering	3	0	0	6	Compulsory	PG (I, PST, PhD ; CL)	Pankaj Tiwari	pankaj.tiwari	D	D	2201	40
21	CL5202	Petroleum Refinery Engineering	3	0	0	6	Compulsory	PG (I, PST, PhD ; CL)	G. Pugazhenthi	pugel	A	A	2201	40
22	CL5203	Characterization of Materials	2	2	2	6	Compulsory	PG (I, MST, PhD ; CL)	Vaibhav V. Goud, Nageswara Rao Peela	vvagoud ; peelanr	A	A	5004	40
23	CL6045	Applied Statistics for Chemical Engineers	3	0	0	6	Compulsory	PG (I, CAPE, PhD ; CL)	Pallab Ghosh	pallabg	E	A	5004	40
24	CL6052L	Process Modelling and Simulation	0	0	3	3	Compulsory	PG (I, CAPE ; CL)	Tamal Banerjee, S. Senthilmurugan	tamalb; senthilmurugan	AL1		LAB	30
25	CL6198P	Project - I (MTP-I)	0	0	24	24	Compulsory	PG (III, MST, CAPE, PST ; CL)	DPPC	dpcc.chemical				90
26	CL6013	Computational Fluid Dynamics	3	0	0	6	Open Elective	PG (I, MST, PST, CAPE, PhD ; CL)	Anugraha Singh	anugrah	F	F	5003	55
27	CL6014	Fluidization Engg.	3	0	0	6	Department Elective	UG (VII ; CL), PG (I, MST, PST, CAPE, PhD ; CL)	S K Majumder	skmaju	C1	C1	5004	80
28	CL6019	Refinery Process Design	3	0	0	6	Department Elective	UG (VII ; CL), PG (I, MST, PST, PhD ; CL)	Animes Golder	animes	B1	B1	2201	60
29	CL6023	Polymer Science & Technology	3	0	0	6	Open Elective	UG (V, VII), PG (I, PhD ; all)	Vimal Katiyar	vkatiyar	F1	F1	5004	120
30	CL6029	Membranes	3	0	0	6	Dept. Elective	UG (VII ; CL), PG (I, MST, PST, CAPE, PhD ; CL)	K. Mohanty, B. Mandal	kmohanty; bpmandal	G	G	5004	80
31	CL6030	Composite Materials	3	0	0	6	Dept. Elective	UG (VII), PG (I, PhD ; all)	Chandan Das	cdas	A1	A1	5004	55
32	CL6031	Smart materials	3	0	0	6	Department Elective	PG (I, MST, PST, CAPE, PhD ; CL)	Mihir K Purkait	mihr	D1	D1	5004	50
33	CL6040	Research Methodology and Scientific Writing	3	0	0	6	Department Elective	PG (PhD ; CL)	Ramgopal Uppaluri	ramgopal	E1	E1	5004	40
34	CL6043	Computer Aided Applied Optimization	2	2	2	6	Open Elective	UG (V, VII), PG (I, PhD ; all)	Prakash Kotecha	pkotecha	F	F	5004	120
35	CL6046	Carbon Capture Utilization and Storage	3	0	0	6	Department Elective	UG (VII ; CL), PG (I, MST, PST, CAPE, PhD ; CL)	Sumit Kumar	s.kumar	G	G	2201	50
36	CL6049	Polymer Soft Lithography	3	0	0	6	Department Elective	UG (VII ; CL), PG (I, MST, PST, CAPE, PhD ; CL)	Partho S. G. Pattader	psgp	G1	G1	5004	80
37	CL 655	Enhanced Oil Recovery	3	0	0	6	Department Elective	UG (VII ; CL), PG (I, MST, PST, PhD ; CL)	Abhijit Kakati	abhijitkakati	B1	B1	5004	60
38	FT6001	Advanced Food Processing	3	0	0	6	Compulsory	PG (I ; IFST, Indian and Japanese)	Omkar S. Deshmukh, R. Anandalakshmi;	o.deshmukh; anandalakshmi	D1	C	2201	10
39	FT6002	International Joint Exercises in Food Science and Technology-B (Jointly design)	1	0	0	2	Compulsory	PG (I ; IFST, Indian and Japanese)	Omkar S. Deshmukh	o.deshmukh				10
40	FT6003	International Joint Global Internship & Seminar	3	0	0	6	Compulsory	PG (I ; IFST, Indian and Japanese)	R. Anandalakshmi;	anandalakshmi	A1	B	2201	10
41	FT6005	Design Thinking and scientific writing	3	0	0	6	Compulsory	PG (I ; IFST, Indian)	Ramgopal Uppaluri	ramgopal	E1	E1	5004	10
42	FT6018	GU Joint Degree Dissertation	0	0	9	18	Compulsory	PG (III ; IFST, Indian)	R. Anandalakshmi;	anandalakshmi				10
43	FT6019	IITG Joint Degree Dissertation II	0	0	9	18	Compulsory	PG (III ; IFST, Indian)	R. Anandalakshmi;	anandalakshmi				10
44	FT6007	Membranes	3	0	0	6	Departmental Elective	FT (I)	K. Mohanty, B. Mandal	kmohanty; bpmandal	G	G	5004	10
45	FT6011	Polymer Science and Technology	3	0	0	6	Department Elective	FT (I)	Vimal Katiyar	vkatiyar	F	F	5004	10

CLASSWISE TIME-TABLE: JULY-NOV 2026										
Semester-III BTech										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon		DA2101	CL2102		Minor II	CL2103				
Tue	CL2101	MA2306H/MA2506H	DA2101	CL2102	Minor II	CL2103				Campus to Corporate
Wed	ME2105	CL2101	MA2306H/MA2506H	DA2101						Campus to Corporate
Thu		ME2105	CL2101	MA2306H/MA2506H						
Fri	CL2102	CL2102	ME2105	Minor II			CL2103			
Semester-V BTech										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon							CL3001	CL3001	CL3002	CL3003
Tue							CL3011	CL3011	CL3003	Minor III
Wed						HSS Elective	CL3001	CL3003	Minor III	CL3002
Thu		CL 3010				HSS Elective	CL3003	Minor III	CL3002	CL3001
Fri						HSS Elective		CL3002		
Semester-VII BTech										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon					Open Elective					
Tue		Minor V			Open Elective					
Wed			Minor V		HSS Elective					
Thu				Minor V	HSS Elective					
Fri				Open Elective	HSS Elective					
Semester-I MST										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon	CL5102	CL5102	CL5101							
Tue	CL5203	CL5203	CL5102	CL5101						
Wed			CL5203							
Thu	CL5102	CL5102		CL5203						
Fri		CL5101								
Semester-I PST										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon	CL5102	CL5102	CL5101	CL5201						
Tue		CL5202	CL5102	CL5101						
Wed			CL5202							
Thu	CL5102	CL5102	CL5201	CL5202						
Fri		CL5101	CL5201							
Semester-I CAPE										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon	CL5102	CL5102	CL5101	CL645			CL652			
Tue			CL5102	CL5101						
Wed		CL6045								
Thu	CL5102	CL5102	CL6045							
Fri		CL5101								
Electives										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon					CL6013/CL6043	CL6023	CL6031	C6014	CL6055/CL6019	CL6030
Tue					CL6013/CL6043	CL6023	CL6049	CL6055/CL6019	CL6030	CL6040
Wed					CL6046/CL6029		CL6049	CL6030	CL6040	CL6031
Thu					CL6046/CL6029		CL6049	CL6040	CL6031	CL6014
Fri				CL6013/CL6043	CL6046/CL6029		CL6023	CL6055/CL6019	CL6014	CL6055
IFST										
Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon						FT6011				FT6003
Tue						FT6011			FT6003	FT6005
Wed					FT6007			FT6003	FT6005	FT6001
Thu					FT6007			FT6005	FT6001	
Fri					FT6007		FT6011		FT6001	
Institute Timetable for July-November 2025 Semester										
Day	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
Mon	A	B	C	D	F	F1	D1	C1	B1	A1
			ML1					AL1		
Tue	E	A	B	C	F	F1	C1	B1	A1	E1
			ML2					AL2		
Wed	D	E	A	B	G	G1	B1	A1	E1	D1
			ML3					AL3		
Thu	C	D	E	A	G	G1	A1	E1	D1	C1
			ML4					AL4		
Fri	B	C	D	F	G	G1	F1	D1	C1	B1
			ML5					AL5		

ROOMWISE TIME-TABLE: JULY-NOV 2026

Room 5003 (Seating capacity: 120)

Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon		DA2101	CL2102		CL6013	Open Elective	CL3001	CL3001		CL3003
Tue	CL2101	MA2306H/MA2506H	DA2101	CL2102	CL6013	Open Elective	CL3011	CL3011	CL3003	
Wed	ME2105	CL2101	MA2306H/MA2506H	DA2101	HSS Elective	HSS Elective	CL3001	CL3003		CL3002
Thu		ME2105	CL2101	MA2306H/MA2506H	HSS Elective	HSS Elective	CL3003		CL3002	CL3001
Fri	CL2102	CL2102	ME2105	CL6013	HSS Elective	HSS Elective	Open Elective	CL3002		

Room 5004 (Seating capacity: 120)

Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon	CL5102	CL5102	CL5101	CL6045	CL6043	CL6023/FT6011	CL6031	C6014	CL6055	CL6030
Tue	CL5203	CL5203	CL5102	CL5101	CL6043	CL6023/FT6011	CL6049	CL655	CL6030	CL6040 / FT6005
Wed		CL6045	CL5203		CL6029/FT6007	HSS Elective	CL6049	CL6030	CL6040 / FT6005	CL6031
Thu	CL5102	CL5102	CL6045	CL5203	CL6029/FT6007	HSS Elective	CL6049	CL6040 / FT6005	CL6031	CL6014
Fri		CL5101		CL6043	CL6029/FT6007	HSS Elective	CL6023/FT6011	CL6055	CL6014	CL6055

Room 2201 (Seating capacity: 150)

Day	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:00 - 13:55	14:00 - 14:55	15:00 - 15:55	16:00 - 16:55	17:00 - 17:55
Mon				CL5201	CL2091M	CL2103				FT6003
Tue		CL5202			CL2091M	CL2103			FT6003	
Wed			CL5202		CL 6046			FT6003		FT6001
Thu			CL5201	CL5202	CL 6046				FT6001	
Fri			CL5201	CL2091M	CL 6046		CL2103		FT6001	

Institute Timetable for July-November 2025 Semester

Day	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
Mon	A	B	C	D	F	F1	D1	C1	B1	A1
		ML1					AL1			
Tue	E	A	B	C	F	F1	C1	B1	A1	E1
		ML2					AL2			
Wed	D	E	A	B	G	G1	B1	A1	E1	D1
		ML3					AL3			
Thu	C	D	E	A	G	G1	A1	E1	D1	C1
		ML4					AL4			
Fri	B	C	D	F	G	G1	F1	D1	C1	B1
		ML5					AL5			