

S. No.	Course Code	Course Title	Type	Level	Year	Branch	Coordinator	Semester
1	CEN-105	Introduction to Environment Studies	Common	UG	I	CHE, PSE	Prof. B. Prasad	Autumn
							Prof. P. Mondal	
							Prof. V.C. Srivastava	
2	CHE-501	Mathematical Methods in Chemical Engineering	Core*	PG	I	CHE	Prof. R.P. Bharti	Autumn
3	CHE-503	Advanced Transport Phenomena	Core*	PG	I	CHE	Prof. S. Ghosh	Autumn
4	CHE-505	Advanced Reaction Engineering	Core*	PG	I	CHE	Prof. P. Biswas	Autumn
5	CHE-507	Advanced Thermodynamics & Molecular Simulation	Elective*	PG	I	CHE	Prof. P.K. Jha	Autumn
6	CHE-513	Biochemical Engineering	Elective*	PG	I	CHE	Prof. C.B. Majumder	Autumn
7	CHE-515	Computational Fluid Dynamics	Elective*	PG	I	CHE	Prof. A.K. Dhiman	Autumn
8	CHN-101	Introduction to Chemical Engineering	Core	UG	I	CHE	Prof. N.S.M. Reddy	Autumn
9	CHN-103	Computer Programming & Numerical Methods	Core	UG	I	CHE	Prof. V.C. Nathan	Autumn
10	CHN-201	Heat Transfer	Core	UG	II	CHE, PSE	Prof. T. Das	Autumn
11	CHN-203	Mechanical Operations	Core	UG	II	CHE	Prof. S. Chand	Autumn
12	CHN-205	Chemical Engineering Thermodynamics	Core	UG	II	CHE	Prof. S. Sinha	Autumn
13	CHN-207	Transport Phenomena	Core	UG	II	CHE	Prof. Gaurav Sharma	Autumn
14	CHN-211	Fluid and Fluid Particle Mechanics	Core	UG	II	PSE	Prof. P.P. Kundu	Autumn
15	CHN-301	Mass Transfer - II	Core	UG	III	CHE	Prof. V.C. Srivastava	Autumn
16	CHN-303	Process Dynamics and Control	Core	UG	III	CHE, PSE	Prof. V.K. Agarwal	Autumn
17	CHN-305	Process Equipment Design	Core	UG	III	CHE	Prof. S. Khanam	Autumn
18	CHN-323	Computer Applications in Chemical Engineering	Elective	UG	III	CHE	Prof. V. Kumar	Autumn
19	CHN-325	Process Integration	Elective	UG	III	CHE	Prof. B. Mohanty	Autumn
20	PEN-101	Introduction to Polymer Science & Engineering	Core	UG	I	PSE		Autumn
21	PEN-103	Introduction to Computer Programming	Core	UG	I	PSE	Prof. G. Manik	Autumn
22	PEN-201	Polymer Engineering Thermodynamics	Core	UG	II	PSE	Prof. N.C. Mishra	Autumn
23	PEN-203	Polymer Blends	Core	UG	II	PSE	Prof. S. Pulsule	Autumn
24	PEN-301	Polymer Product Processing & Engineering	Core	UG	III	PSE	Prof. S.S. Ravindranath	Autumn
25	PEN-303	Process Design of Equipments	Core	UG	III	PSE	Prof. U.K. Ghosh	Autumn
26	PEN-325	Transport Phenomena in Polymeric Systems	Core	UG	III	PSE	Prof. S. Chatopadhyaya	Autumn
27	PEN-402	High Performance & Speciality Polymers	Core	UG	IV	PSE	Prof. A. Maiti	Autumn
28	PEN-411	Rubber Product Technology	Core	UG	IV	PSE	Prof. P.K. Maji	Autumn
29	CHE-510	Advanced Process Control	Elective*	PG	I	CHE	Prof. V.K. Agarwal	Spring

30	CHE-514	Pollution Control Systems	Elective*	PG	I	CHE	Prof. V.C. Srivastava	Spring
31	CHE-518	Waste to Energy Conversion	Elective*	PG	I	CHE	Prof. B. Prasad	Spring
32	CHE-528	Introduction to Granular Rheology	Elective*	PG	I	CHE	Prof. A. Anand	Spring
33	CHE-534	Novel Separation Techniques	Elective*	PG	I	CHE	Prof. P.P. Kundu	Spring
34	CHN-102	Material and Energy Balances	Core	UG	I	CHE	Prof. Gaurav Sharma	Spring
35	CHN-104	Fluid Dynamics	Core	UG	I	CHE	Prof. A.K. Dhiman	Spring
36	CHN-106	Thermodynamics & Chemical Kinetics	Core	UG	I	CHE, PSE	Prof. S. Ghosh	Spring
37	CHN-112	Energy Engineering	Core	UG	II	CHE	Prof. P. Mondal	Spring
38	CHN-202	Mass Transfer - I	Core	UG	II	CHE	Prof. N.S.M. Reddy	Spring
39	CHN-204	Reaction Engineering	Core	UG	II	CHE	Prof. T. Das	Spring
40	CHN-206	Chemical Technology	Core	UG	II	CHE	Prof. P. Biswas	Spring
41	CHN-208	Equipment Design	Core	UG	II	CHE	Prof. C.B. Majumder	Spring
42	CHN-210	Industrial Instrumentation	Core	UG	II	CHE	Prof. V.C. Nathan	Spring
43	CHN-212	Mass Transfer	Core	UG	II	PSE	Prof. S. Chand	Spring
44	CHN-302	Engineering Analysis and Process Modeling	Core	UG	III	CHE	Prof. P.K. Jha	Spring
45	CHN-304	Process Economics and Plant Design	Core	UG	III	CHE	Prof. B. Mohanty	Spring
46	CHN-306	Process Utilities & Safety	Core	UG	III	CHE	Prof. S. Sinha	Spring
47	CHN-310	Process Utilities, Economics and Plant Design	Core	UG	III	PSE	Prof. S. Khanam	Spring
48	CHN-322	Optimization of Chemical Engineering Processes	Elective	UG	III	CHE	Prof. R.P. Bharti	Spring
49	CHN-326	Fluidization Engineering	Core	UG	III	CHE	Prof. V. Kumar	Spring