

Name of the Academic Department / Center:			
Academic Year:	2021 - 2022		
Session:	Monsoon Semester (July-Nov 2021)		

The **Complete List** of all Courses that will be offered by the Department/ Center in the next semester

JULY-NOV 2021 (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 @iitg.ac.in)	Class Slot (will be mentioned later)
B. Tech. (CST) [Second Year] [2020 Batch]											
5	MA 201	Mathematics - III	3	1	0	8	Compulsory	B.Tech., III Semester	MATHEMATICS DEPT.		A
6	CL 201	Chemical Process Calculations	2	1	0	6	Compulsory	B.Tech., III Semester	CHEMICAL ENG. DEPT.		C
7	CL 202	Fluid Mechanics	2	1	0	6	Compulsory	B.Tech., III Semester	CHEMICAL ENG. DEPT.		E
8	CH 212	Inorganic Chemistry	3	0	0	6	Compulsory	B.Tech., III Semester	Jubaraj Bikash Baruah (JBB)	juba	B
9	CH 221	Organic Chemistry	3	1	0	8	Compulsory	B.Tech., III Semester	A.S. Achalkumar (ASA)	achalkumar	D
10	CH 231	Introduction to Quantum	3	0	0	6	Compulsory	B.Tech., III Semester	Aditya Narayan Panda (ANP)	anp	F
B. Tech. (CST) [Third Year] [2019 Batch]											
11	CH426	Green Chemistry and Technology	3	0	0	6	Open Elective	B.Tech., V Semester	Abu Taleb Khan (ATK)	atk	F1
12	CH 302	Technical Report Presentation	0	0	3	3	Compulsory	B.Tech., V Semester	Debasis Manna (DM)	dmanna	ML4
13	CH 301	Environmental Chemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Chivukula V Sastri (CVS)	sastricv	B1
14	CH 316	Frontiers of Coordination Chemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Shyam Prosad Biswas (SPB)	sbiswas	C1
15	CH 331	Chemical Kinetics and Electrochemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Kalyanasis Sahu (KS)	ksahu	D1
16	CH 314	Chemical Technology Lab - II	0	0	6	6	Compulsory, Lab	B.Tech., V Semester	Chandan Mukherjee (CM)	cmukherjee	ML2, ML3
17	HS 1XX	HSS Elective - II (Level - I)	3	0	0	6	HSS Elective	B.Tech., V Semester			A1
B. Tech. (CST) [Fourth Year] [2018 Batch]											
18	CH 401	Modern Chemical Technology	3	0	0	6	Compulsory	B.Tech., VII Semester	Subhas Chandra Pan (SCP)	span	C
19	CH 498	Project - I	0	0	12	12	Compulsory	B.Tech., VII Semester	Lalmohan Kundu	dppchemistry	

20	CH 417	Organometallic Chemistry	3	0	0	6	Dept. Elective	B.Tech., VII Semester	Kingsuk Mahata (KM)	kingsuk	B	
21	CH 427	Medicinal Chemistry	3	0	0	6	Dept. Elective	B.Tech., VII Semester	Bhubaneswar Mandal (BhM)	bmandal	A	
22	CH429	Petroleum Chemistry	3	0	0	6	Open Elective - II	B.Tech., VII Semester	Bhisma Kumar Patel (BKP) +Parameswar Krishnan Iyer (PKI)	patel+pki	F	
23	HS 2XX	HSS Elective - I (Level II)	3	0	0	6	HSS Elective	B.Tech., VII Semester			D	
M. Sc. (Chemistry) [First Year] [2021 Batch]												
24	CH 410	Chemistry of p-and d-Block Elements	3	1	0	8	Compulsory	M.Sc. I Semester	V Manivannan (VM)	mani	A	
25	CH 420	Principles of Organic Chemistry	3	1	0	8	Compulsory	M.Sc. I Semester	Anil Kumar Saikia (AKS) + Krishna Pada Bhabak (KPB)	asaikia+kbhabak	B	
26	CH 430	Quantum Chemistry	3	1	0	8	Compulsory	M.Sc. I Semester	Anumita Paul (AP)	anumita@iitg.ac.in	D	
27	CH 431	Group Theory and Spectroscopy	3	1	0	8	Compulsory	M.Sc. I Semester	G Krishnamoorthy (GK)	gkrishna	C	
28	CH 435	Physical Chemistry Laboratory	0	0	9	9	Compulsory	M.Sc. I Semester	Kalyan Raidongia (KR)/Uttam Manna (UM)	k.raidongia+ umanna	AL2, AL3, AL4	
M. Sc. (Chemistry) [Second Year] [2020 Batch]												
29	CH 511	Principles of Bioinorganic Chemistry	3	1	0	8	Compulsory	M.Sc. III Semester	Biplab Mondal (BM)	biplab	A1	
30	CH 520	Concepts in Organic Synthesis	3	1	0	8	Compulsory	M.Sc. III Semester	Chandan K. Jana (CKJ)+ Dipankar Srimani (DS)	ckjana+dsrimani	B1	
31	CH 521	Bio-organic Chemistry	3	1	0	8	Compulsory	M.Sc. III Semester	Subhendu Sekhar Bag (SSB) +Lal Mohan Kundu (LMK)	ssbag+lmkundu	C1	
32	CH 530	Classical and Statistical Thermodynamics	3	1	0	8	Compulsory	M.Sc. III Semester	Manabendra Sarma (MS)	msarma	D1	
33	CH 515	Inorganic Chemistry Laboratory	0	0	9	9	Compulsory, Lab	M.Sc. III Semester	Animesh Das (AD)	adas	ML1, ML2, ML3	
Ph. D. (Chemistry) [First Year]												
34	CH 601	Physical Methods in Chemistry	3	0	0	6	Dept. Elective	Ph.D.	Mohd. Qureshi (MQ)	mq	D	
35	CH 626	Art in Organic Synthesis	3	0	0	6	Dept. Elective	Ph.D.	Tharmalingam Punniyamurthy (TP)	tpunni	C	
36	CH 633	Chemical Applications of Group Theory	3	0	0	6	Dept. Elective	Ph.D., B.Tech., VII Semester	Sumana Dutta (SD)	sumana	D1	
37	CH637	Computational Methods in Chemistry	2	0	2	6	Dept. Elective	Ph.D.	Ashish Kumar Gupta (AKG)	gupta	B	
38	CH628	Chemistry of Biological Macromolecules	3	0	0	6	Dept. Elective	PhD	Sunanda Chatterjee(SC)	sunanda.c	C1	
39	CH614	Supramolecules: Concepts and Applications	3	0	0	6	Dept. Elective	PhD	Gopal Das (GD)	gdas	A	