

TIME TABLE		September - November 2020							DEPARTMENT OF CHEMISTRY, IIT GUWAHATI			
Sl. No.	Course No.	Course Title	L	T	P	C	Type	Program & Semester	Course Instructor(s)		Class Slot	
B. Tech. (CST) [Second Year] [2019 Batch]												
1	MA 201	Mathematics - III	3	1	0	8	Compulsory	B.Tech., III Semester	MATHEMATICS DEPT.		A	
2	CL 201	Chemical Process Calculations	2	1	0	6	Compulsory	B.Tech., III Semester	CHEMICAL ENG. DEPT.		C	
3	CL 202	Fluid Mechanics	2	1	0	6	Compulsory	B.Tech., III Semester	CHEMICAL ENG. DEPT.		E	
4	CH 212	Inorganic Chemistry	3	0	0	6	Compulsory	B.Tech., III Semester	Dr Shyam Prosad Biswas	sbiswas	B1	
5	CH 221	Organic Chemistry	3	1	0	8	Compulsory	B.Tech., III Semester	Dr Lalmohan Kundu	lmkundu	D	
6	CH 231	Introduction to Quantum Chemistry	3	0	0	6	Compulsory	B.Tech., III Semester	Prof Aditya Narayan Panda	anp	C1	
B. Tech. (CST) [Third Year] [2018 Batch]												
7	CH426	Green Chemistry and Technology	3	0	0	6	Open Elective-I	B.Tech., V Semester	Prof A T Khan	atk	F	
8	CH302	Technical Report Presentation	0	0	3	3	Compulsory	B.Tech., V Semester	Prof Sandip Paul	sandipp	AL3	
9	CH 301	Environmental Chemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Prof C V Sastri	sastri cv	A	
10	CH 316	Frontiers of Coordination Chemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Prof V Manivannan	mani	D1	
11	CH 331	Chemical Kinetics and Electrochemistry	3	0	0	6	Compulsory	B.Tech., V Semester	Dr. Kalyanasis Sahu	ksahu	C	
12	CH 335	Application of Nanomaterials	3	0	0	6	Compulsory	B.Tech., VI Semester	Dr Kalyan Raidongia/ Dr Uttam Manna	k.raidongia & umanna	B	
13	HS 1XX	HSS Elective - II (Level - I)	3	0	0	6	HSS Elective	B.Tech., V Semester			G	

B. Tech. (CST) [Fourth Year] [2017 Batch]

14	CH 401	Modern Chemical Technology	3	0	0	6	Compulsory	B.Tech., VII Semester	Prof A S Achalkumar	achalkumar	A1
15	CH 402	Technical Report Presentation	0	0	3	3	Compulsory	B.Tech., VII Semester	Prof Depapratim Das	ddas	AL5
16	CH 417	Organometallic Chemistry	3	0	0	6	Dept. Elective	B.Tech., VII Semester	Dr Animesh Das	adas	B
17	CH427	Medicinal Chemistry	3	0	0	6	Dept. Elective	B.Tech., VII Semester	Prof Bhubaneswar Manadal	bmandal	C
18	CH437	Nano Scale Science and Technology	3	0	0	6	Dept. Elective	B.Tech., VII Semester	Prof Mohd. Querishi	mq	C1
19	CH 429	Petroleum Chemistry	3	0	0	6	Open Elective - II	B.Tech., VII Semester	Prof B K Patel and Prof P K Iyer	patel and pki	F
20	CH 498	Project - I	0	0	6	6	Compulsory	B.Tech., VII Semester	DUPC Chemistry	Imkundu	

M. Sc. (Chemistry) [First Year] [2020 Batch]

21	CH 410	Chemistry of p-and d-Block Elements	3	1	0	8	Compulsory	M.Sc. I Semester	Prof Manabendra Ray and Prof Gopal Das	manabray & gdas	D
22	CH 420	Principles of Organic Chemistry	3	1	0	8	Compulsory	M.Sc. I Semester	Prof T Punniyamurthy and Dr K P Bhabak	tpunni and kbhabak	B
23	CH 430	Quantum Chemistry	3	1	0	8	Compulsory	M.Sc. I Semester	Dr. Manabendra Sarma	msarma	C
24	CH 431	Group Theory and Spectroscopy	3	1	0	8	Compulsory	M.Sc. I Semester	Prof G Krishnamoorthy	gkrishna	D1
25	CH 433	Applications of Spectroscopy	3	1	0	8	Compulsory	M. Sc. II Semester	Prof Biplab Mondal/ Dr Akshai Kumar	biplab/ akshaikumar	B1

M. Sc. (Chemistry) [Second Year] [2019 Batch]

26	CH 511	Principles of Bioinorganic Chemistry	3	1	0	8	Compulsory	M.Sc. III Semester	Prof Chandan Mukherjee	cmukherjee	A
27	CH 520	Concepts in Organic Synthesis	3	1	0	8	Compulsory	M.Sc. III Semester	Prof A K Saikia and Dr D Srimani	asaikia and dsrimani	B
28	CH 521	Bio-organic Chemistry	3	1	0	8	Compulsory	M.Sc. III Semester	Prof S S Bag	ssbag75	C
29	CH 530	Classical and Statistical Thermodynamics	3	1	0	8	Compulsory	M.Sc. III Semester	Dr. Sumana Dutta	sumana	D
30	CH 621	Modern Reagents in Organic Synthesis	3	0	0	6	Dept. Elective	Msc IV Semester	Prof C K Jana/Dr P K Kancharla	ckjana & pavankancharla	D1
31	CH 623	Supra Molecular Chemistry	3	0	0	6	Dept. Elective	M.Sc. IV Semester	Dr Sunanda Chatterjee	sunanda.c	B1
32	CH 500	Graduate Seminar	0	0	2	2	Compulsory	M. Sc. IV semester	Prof Arun Chattopadhyay	arun	AL3

Ph. D. (Chemistry) [First Year]

33	CH 601	Physical Methods in Chemistry	3	0	0	6	Dept. Elective	Ph.D.	Prof Jubraj Bikash Baruah	juba	A
34	CH 626	Art in Organic Synthesis	3	0	0	6	Dept. Elective	Ph.D.	Prof S C Pan	span	D1
35	CH 633	Chemical Application of Group Theory	3	0	0	6	Dept. Elective	Ph.D., B.Tech., VII Semester	Prof Asish Kumar Gupta	gupta	D
36	CH 636	A Fundamental Approach to Physical Chemistry	3	0	0	6	Dept. Elective	PhD	Prof Anumita Paul	anumita	B1
37	CH 628	Chemistry of Biological Macromolecules	3	0	0	6	Dept. Elective	PhD	Prof Debasis Manna	dmanna	C1
38	CH 642	Applied Inorganic Chemistry	3	0	0	6	Dept. Elective	Ph.D.	Dr Kingsuk Mahata	kingsuk	C