

Name of the Academic Department / Center:	Chemistry
Academic Year:	2017-2018
Session:	Even Semester (January - May 2018)

Sl. No.	Course No.	Course Title	L	T	P	C	Type of Course(Compulsory/ Dept. Elective/ Open Elective)	Offered to Programme	Semester (1 to 8)	Name(s) of Course Instructor(s)	IITG Email ID of course instructors	Class Slot	Exam Slot	Room No.
1	CH002	Preparatory Chemistry II	3	2	0	10	Preparatory	Pre B. Tech.	2	Professor J. B. Baruah & Professor T. Punniyamurthy	juba, tpunni			1001
2	CH212	Inorganic Chemistry	3	0	0	6	Compulsory	B. Tech.	4	Professor V. Manivannan	mani	A (Other than Monday 8 - 8:55 am)	A	4103
3	CH222	Applied Organic Chemistry	3	0	0	6	Compulsory	B. Tech.	4	Dr. A. S. Achalkumar	achalkumar	B (Other than Friday 8 - 8:55 am)	B	4103
4	CH232	Computational Chemistry	3	0	2	8	Compulsory	B. Tech.	4	Professor A. N. Panda	adi07	C (Other than Thursday 8 - 8:55 am), AL3	C	4103, Lab Class at CCC
5	CH233	Spectroscopic Techniques in Chemistry	3	0	0	6	Compulsory	B. Tech.	4	Professor G. Krishnamoorthy	gkrishna	D (Other than Wednesday 8 - 8:55 am)	D	4103
6	HS2XX	HSS Elective - II	3	0	0	6	HSS Elective	B. Tech.	4	HSS Department	HSS Department	E (Other than Tuesday 8 - 8:55 am)	E	

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7	CH223	Chemical Technology Lab - I	0	0	6	6	Compulsory, Lab	B. Tech.	4	Professor A. K. Saikia	asaikia	AL1, AL2	AL1, AL2	
8	ME324	Heat and Mass Transfer	3	1	0	8	Compulsory	B. Tech.	6	ME Department	ME Department	C1	C1	
9	CH322	Petroleums and Petrochemicals	3	0	0	6	Compulsory	B. Tech.	6	Professor A. T. Khan	atk	D1 (Other than Wednesday 5 - 5:55 pm)	D1	4103
10	CH323	Polymer Chemistry	3	0	0	6	Compulsory	B. Tech.	6	Dr. U. Manna	umanna	A1 (Other than Monday 5 - 5:55 pm)	A1	4103
11	CH333	Introduction to Chemical Thermodynamics and Equilibrium	3	0	0	6	Compulsory	B. Tech.	6	Professor A. Chattopadhyay	arun	B1 (Other than Friday 5 - 5:55 pm)	B1	4103
12	CH419	Consumer Chemistry	3	0	0	6	Open Elective - I	B. Tech.	6	Professor B. K. Patel & Professor P. K. Iyer	patel, pki	E1 (Other than Tuesday 5 - 5:55 pm)	E1	
13	CH334	Chemical Technology Lab - III	0	0	6	6	Compulsory, Lab	B. Tech.	6	Professor Mohd. Qureshi	mq	ML1, ML2	ML1, ML2	
14	CH417	Organometallic Chemistry	3	0	0	6	Dept. Elective - III	B. Tech.	8	Dr. K. Mahata	kingsuk	B (Other than Friday 8 - 8:55 am)	B	4104

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15	CH418	Biological Chemistry of Metal ions	3	0	0	6	Dept. Elective - III	B. Tech.	8	Professor M. Ray	manabray	D (Other than Wednesday 8 - 8:55 am)	D	4104
16	CH428	Drug Design and Synthesis	3	0	0	6	Dept. Elective - IV	B. Tech.	8	Dr. D. Manna	dmanna	E (Other than Tuesday 8 - 8:55 am)	E	4104
17	HS4XX	HSS Elective - IV	3	0	0	6	HSS Elective	B. Tech.	8	HSS Department	HSS Department	A (Other than Monday 8 - 8:55 am)	A	
18	CH438	Application to Statistical Mechanics to Chemistry	3	0	0	6	Open Elective - III	B. Tech.	8	Professor S. Paul	sandipp	C (Other than Thursday 8 - 8:55 am)	C	
19	CH499	Project - II	0	0	6	6	Compulsory	B. Tech.	8	Supervisors	Supervisors			
20	CH411	Inorganic Reaction Mechanism and Organometallics	3	1	0	8	Compulsory	M. Sc.	2	Dr. S. P. Biswas & Dr. A. Das	sbiswas, adas	A	A	4006
21	CH421	Organic Reactions and Mechanisms	3	1	0	8	Compulsory	M. Sc.	2	Professor S. S. Bag & Dr. D. Srimani	ssbag75, dsrimani	B	B	4006
22	CH425	Organic Chemistry Laboratory	0	0	9	9	Compulsory, Lab	M. Sc.	2	Dr. L. M. Kundu & Dr. K. P. Bhabak	lmkundu, kbhabak	AL3, AL4, AL5	AL3, AL4, AL5	
23	CH432	Chemical Dynamics and Electrochemistry	3	1	0	8	Compulsory	M. Sc.	2	Dr. S. Dutta	sumana	C	C	4006
24	CH433	Applications of Spectroscopy	3	1	0	8	Compulsory	M. Sc.	2	Professor B. Mondal & Dr. C. Mukherjee	biplab, cmukherjee	D	D	4006

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25	CH501	Computers in Chemistry	2	0	1	5	Compulsory	M. Sc.	4	Dr. M. Sarma	msarma	F, ML2	A	3003, Lab Class at CCC
26	CH600	Project	0	0	18	18	Compulsory	M. Sc.	4	Supervisors	Supervisors			
27	CH615	Advanced Organometallic Chemistry	3	1	0	8	Dept. Elective - I	M. Sc.	4	Dr. Akshai Kumar A. S.	akshaikumar	D1	D1	4006
28	CH617	Supramolecular Chemistry	3	1	0	8	Dept. Elective - I	M. Sc.	4	Dr. Bh. Mandal & Dr. D. Das	bmandal, ddas	C1	C1	4006
29	CH625	Art in Organic Synthesis	3	1	0	8	Dept. Elective - I	M. Sc.	4	Dr. C. K. Jana & Dr. P. K. Kancharla	ckjana, pavankancharla	B1	B1	4006
30	CH637	Advanced Quantum Chemistry	3	1	0	8	Dept. Elective - II	B. Tech., M. Sc., Ph. D.	8, 4	Professor A. K. Gupta	gupta	A1	L	4006
31	CH640	Principle and Applications of Luminescence Spectroscopy	3	1	0	8	Dept. Elective - II	M. Sc.	4	Dr. K. Sahu & Dr. K. Raidongia	ksahu, k.raidongia	E1	E1	4006
32	CH603	Supramolecules : Concept and Application	3	0	0	6	Dept. Elective	Ph. D.		Professor G. Das	gdas	A (Other than Monday 8 - 8:55 am)	A	3003
33	CH611	Bioinorganic Chemistry	3	0	0	6	Dept. Elective	Ph. D.		Dr. C. V. Sastri	sastricv	B (Other than Friday 8 - 8:55 am)	B	3003
34	CH621	New Reagents for Organic Synthesis	3	0	0	6	Dept. Elective	Ph. D.		Dr. S. C. Pan	span	C (Other than Thursday 8 - 8:55 am)	C	3003

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35	CH623	Chemistry of Biological Macromolecules	3	0	0	6	Dept. Elective	Ph. D.		Dr. S. Chatterjee	sunanda.c	D (Other than Wednesday 8 - 8:55 am)	D	3003
36	CH630	A Fundamental Approach to Physical Chemistry	3	0	0	6	Dept. Elective	Ph. D.		Professor A. Paul	anumita	E (Other than Tuesday 8 - 8:55 am)	E	3003
37	CH643	Basis Statistical Mechanics (to be taught alongside with CH438)	3	0	0	6	Dept. Elective	Ph. D.		Professor S. Paul	sandipp	C (Other than Thursday 8 - 8:55 am)	C	Same as CH438
38														
39														

CH 499 Project II

Supervisors : KR (06), PKI (10), AK (02), AC (02), MS (01), GK (03), CVS (01), ANP (03), SCP (02), TP (01), VK (01).

CH 600 Project

Supervisors : GD (04), PKI (04), AKG (02), CKJ (02), AC (03), KS (02), BhM (03), TP (03), GK (02), SC (03), ANP (03), BKP (01), BM (02), ASA (01), LMK (02), DD(03), UM (01), KR (03), PKK (03).