

School of Chemical Sciences
Varsha 2024 - Courses - Teaching Assignment

SL NO.	COURSE_CODE	COURSE_NAME	CREDIT(S)	STUDENT GROUPS ELIGIBLE, e.g. BSMS4, MSC1,IPHD2, PhD etc.	LECTURER
1	CHY111	Basic Organic & Inorganic Chemistry I	3	BSMS1	Dr. Reji Varghese Dr. Ajay Venugopal
2	CHY112	Chemistry Lab I	1	BSMS1	Dr. Thirumurugan (Coordinator) Dr. Ramaraj Ayyappan Dr. Indranil Mondal
3	CHY212	Basic Organic & Inorganic Chemistry II	3	BSMS2	Dr. Soumen De Prof. Sukhendu Mandal
4	CHY211	Atomic Structure & Chemical Bonding	4	BSMS2	Dr. Vinesh Vijayan
5	CHY3101	Biosystems	2	MSC1, IPHD1	Dr. Rajendra Kurapati
	I2C311	Biochemistry and Bioconjugation	3	I2C3	
6	CHY3102	Mathematics for Chemistry	2	MSC1	Dr. Adithya Lakshmana
7	CHY311	Coordination Chemistry (minor for 3rd year)	3	BSMS3	Dr. Subrata Kundu
8	CHY312	Organic Chemistry Reactions and Mechanisms (minor for 3rd year)	3	BSMS3	Dr. Basudev Sahoo
9	CHY313	Quantum Chemistry	3	BSMS3	Dr. R. S. Swathi
10	CHY314	Physical Chemistry- II (minor for 3rd year)	3	BSMS3	Dr. Jerry Fereiro
11	CHY315	Organic Chemistry Lab	3	BSMS3	Dr. Rajendar Goreti
12	CHY4102	Advanced Organic Chemistry	3	MSC2	Dr. Alagiri Kaliyamoorthy
13	CHY411	Main Group Chemistry (minor for 4th year)	3	BSMS4	Dr. Ravi Yadav
14	CHY412	Advanced Organic Chemistry (minor for 4th year)	3	BSMS4, IPHD2	Dr. Alagiri Kaliyamoorthy
15	CHY413	Chemical and Statistical Thermodynamics	3	BSMS4	Dr. Pushpita Ghosh
16	CHY414	Chemical Kinetics and Dynamics (minor for 4th year)	3	BSMS4	Dr. A. Muthukrishnan
17	CHY415	Physical Chemistry Lab	3	BSMS4	Dr. V. Sivaranjana Reddy (Coordinator), Dr. Krishnadas, Dr. Shyamala
18	CHY5102	Organic Chemistry Modern Organic Synthesis: Advances in Methods and Reagents	3	BSMS4, BSMS5	Dr. Veera Reddy Yatham
19	CHY5104	Fundamentals of Solution State NMR Spectroscopy: Principles and Applications	3	BSMS4, BSMS5	Dr. Vinesh Vijayan (Coordinator)
20	CHY6101	Fundamentals of Solution State NMR Spectroscopy: Principles and Applications	3	PHD	Dr. Vinesh Vijayan (Coordinator)
21	CHY6103	Organic Chemistry Modern Organic Synthesis: Advances in Methods and Reagents	3	PHD	Dr. Veera Reddy Yatham
22	CHY614	Main Group Chemistry	3	PHD	Dr. Ravi Yadav
23	CHY615	Advanced Organic Chemistry	3	PHD	Dr. Alagiri Kaliyamoorthy

24	CHY616	Chemical and Statistical Thermodynamics	3	PHD	Dr. Puspita Ghosh
25	CHY619	Research methodology	0	PHD	Dr. Rajendra Kurapati (Coordinator)
26	I2C411	Medicinal Chemistry	3	I2C4	Dr. Veera Reddy Yatham (Coordinator)
27	I2C412	Enzymology and Biocatalysis	3	I2C4	Dr. Rajendra Kurapati (Coordinator)
28	I2C413	Biophysical Chemistry	3	I2C4	Dr. Jerry Fereiro (Coordinator)
29	MSC311	Coordination Chemistry	3	MSC1, IPHD1	Dr. Subrata Kundu
30	MSC312	Organic Chemistry Reactions and Mechanisms	3	MSC1, IPHD1	Dr. Basudev Sahoo
31	MSC313	Quantum Chemistry	3	MSC1, IPHD1	Dr. R. S. Swathi
32	MSC314	Physical Chemistry- II	3	MSC1, IPHD1	Dr. Jerry Fereiro
33	MSC315	Organic Chemistry Lab	3	MSC1, IPHD1	Dr. Ramesh Rasappan (Coordinator), Dr. Rajendar Goreti
34	MSC411	Main Group Chemistry	3	MSC2, IPHD2	Dr. Ravi Yadav
36	MSC413	Chemical and Statistical Thermodynamics	3	MSC2, IPHD2	Dr. Puspita Ghosh
37	MSC414	Chemical Kinetics and Dynamics	3	MSC2, IPHD2	Dr. A. Muthukrishnan
38	MSC415	Physical Chemistry Lab	3	MSC2, IPHD2	Dr. V. Sivaranjana Reddy (Coordinator), Dr. Krishnadas, Dr. Shyamala
39	MSC418	MSc Project	3	MSC2	Dr. Subrata Kundu (Coordinator)
40	CHY611	Principles of Inorganic Chemistry	3	PHD	Dr. Gokulnath Sabapathi
41	CHY612	Principles of Organic Chemistry	3	PHD	Dr. Ramesh Rasappan
42	CHY613	Principles of Physical Chemistry	3	PHD	Prof. Mahesh Hariharan
43	CHY5105	Chiroptical Spectroscopy	2	BSMS4, MSC2, IPHD2, PHD	Dr. K R Krishnadas
44	CHY5106	Heterogeneous Catalysis	2	BSMS4, MSC2, IPHD2, PHD	Dr. Indranil Mondal
45	CHY511	Major Project Phase-I	12	BSMS5	Dr. Soumen De
46	I2C511	Major Project Phase-I	12	I2C5	