

Tentative course list in the School of Chemistry- Vasanth 2022

Course	Course Name	Faculty Assigned
First Year Course		
CHY121	Basic Concepts in Organic & Inorganic Chemistry I	Dr. Reji Varghese Dr. Ajay Venugopal
Second Year Courses		
CHY221	Physical Chemistry I	Dr. Muthukrishnan A Dr. Vinesh Vijayan
CHY222	Chemistry Lab III	Dr. Reji Varghese Dr. Gokulnath Sabhapathi Dr. Ramesh Rasappan Dr. Alagiri Kaliyamoorthy Dr. Joyeb Mandal Dr. Jerry Fereiro Dr. Keshab N. Parida
IDC221	Principles of Spectroscopy	Dr. V. Sivaranjana Reddy Dr. K. George Thomas
Third Year BS-MS and M.Sc./IPh. D. /Ph. D. Courses		
CHY/MSC321/621	Organometallic Chemistry	Dr. Subrata Kundu Dr. Gokulnath Sabhapathi
CHY322/622/ CHY 3202	Solid-State Chemistry (Minor)	Dr. Sukhendu Mandal
CHY/MSC323	Organic Chemistry-Synthetic methods (Minor)	Dr. Basudev Sahoo Dr. Rajendra Goreti
CHY/MSC324/624	Theoretical Spectroscopy (Minor)	Dr. Adithya Lakshmana
CHY/MSC325	Inorganic Chemistry Laboratory	Dr. A. Thirumurugan
CHY5211	Group Theory in Chemistry (2 credits)	Dr. Pushpita Ghosh
CHY5205	Name Reactions and Rearrangements-Application in Organic Synthesis (2 credits)	Dr. Ramesh Rasappan Dr. Alagiri Kaliyamoorthy
Fourth/Fifth Year BS-MS, M.Sc./IPh. D. and Ph. D. Courses		
CHY421	Instrumental methods for Structure Determination (For 1 st year MSc students also)	Dr. Reji Varghese Dr. Subrata Kundu
CHY422/ CHY626	Physical Organic Chemistry	Dr. Soumen De
CHY4202	Catalysis in Organic Synthesis	Dr. Veera Reddy
CHY5203	Computational Chemistry	Dr. R. S. Swathi
CHY5217	Introduction to Molecular Simulations (2 Credits)	Dr. Sooraj K.
CHY/AOE5218	Biomaterials (OE)	Dr. Rajendra Kurapati, Prof. Suresh Das