

List of Open Electives Offered for Winter Semester (Jan-May), 2022

Sl. No.	Course No.	Course Title	L	T	P	C	Semester	Name(s) of Course Instructor(s)	Exam Slot
1	CH 419	Consumer Chemistry	3	0	0	6	6	Dr. Bhisma Kumar Patel, Dr. Parameswar Krishnan Iyer	F1
2	CH 644	Applied Quantum Chemistry	2	0	2	6	8	Dr. Manabendra Sarma	G
3	BT 619	Essentials of Genetics	3	0	0	6	6	Dr. Chaturvedi Rakhi	F1
4	BT 630	Physical Cell Biology	3	0	0	6	8	Dr. Anand B.	G
5	CE 559	Watershed Management and Remote Sensing Applications	3	0	0	6	8	Dr. S. Dutta	G
6	CL 613	Computational Fluid Dynamics	3	0	0	6	6&8	Dr. R Anandalakshmi	
7	CL 612	Colloid and Interface Science	3	0	0	6	6&8	Dr. Omkar Deshmukh	
8	CL 625	Fundamentals of micro-nanofluidics & microfabrication	3	0	0	6	6&8	Dr. Dipankar Bandyopadhyay	
9	CL 643	Computer aided applied optimization	2	0	2	6	6&8	Dr. Prakash Kotecha	
10	CL 651	Foundations of Data Science for Engineers	3	0	0	6	6&8	Dr. Resmi Suresh M P	
11	CS 508	Optimization Methods	3	0	0	6	6&8	Dr. Sukanta Bhattacharjee	F1
12	CS 577	C Based VLSI Design	3	0	0	6	8	Dr. Chandan Karfa	G
13	EE 611	Organic Semiconductor Devices	3	0	0	6	8	Dr. Ravindra Kumar Jha	G
14	EN 671	Solar Energy Conversion Technology	3	0	0	6	8	Dr. Pankaj Kalita	G
15	MA 601	Graphs and Matrices	3	0	0	6	8	Dr. Bhaba Kumar Sarma	G
16	ME 674	Soft Computing in Engineering	3	0	0	6	6&8	Dr. Sukhomay Pal	G
17	ME 668	Sports Biomechanics	2	0	2	6	6&8	Dr. S Kanagaraj	F1
18	PH 551	Nonlinear Dynamics and Chaos	3	0	0	6	6	Dr. Amarendra Kr. Sarma	F1
19	PH 442	Theory and Simulation of Nanostructures	3	0	0	6	8	Dr. Padma Kumar Padmanabhan	G