

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
1	BT202M	Molecular Biotechnology	3	0	0	6	Minor	B. Tech 4th semester	G	10-05-2022(9:00 to 12:00)	Dr. Jaganathan B. G.
2	BT206	Microbiology	3	0	0	6	Compulsory	B. Tech 4th semester	D	07-05-2022(9:00 to 12:00)	Dr. Kumar Manish, Dr. Patra Sanjukta
3	BT207	Genetic Engineering	3	0	0	6	Compulsory	B. Tech 4th semester	C	06-05-2022(9:00 to 12:00)	Dr. Patra Sanjukta, Dr. Kumar Sachin
4	BT208	Transport Phenomenon in Bioprocesses	3	1	0	8	Compulsory	B. Tech 4th semester	A	04-05-2022(9:00 to 12:00)	Dr. Selvaraju
5	BT209	Bioreaction Engineering	3	0	0	6	Compulsory	B. Tech 4th semester	B	05-05-2022(9:00 to 12:00)	Dr. Maiti S. K.
6	BT211	Basic Biotechnology Lab	0	0	6	6	Compulsory	B. Tech 4th semester			Dr. Trivedi V.
7	BT305	Computational Biology	2	0	2	6	Compulsory	B. Tech 6th semester	A1	04-05-2022(14:00 to 17:00)	Dr. Ramakrishnan V.
8	BT306	Bioseparation Engineering	3	0	2	8	Compulsory	B. Tech 6th semester	B1	05-05-2022(14:00 to 17:00)	Dr. Ramesh A., Dr. Goswami Pranab
9	BT307	Biological Data Analysis	2	0	2	6	Compulsory	B. Tech 6th semester	C1	06-05-2022(14:00 to 17:00)	Dr. Bose Biplab
10	BT308	Bioengineering	3	0	0	6	Compulsory	B. Tech 6th semester	D1	07-05-2022(14:00 to 17:00)	Dr. Goswami Pranab, Dr. Mandal B.B.
11	BT402	BTech Project-II	0	0	6	6	Compulsory	B. Tech 8th semester			Dr. Arun Goyal, Dr. Rajkumar P Thummer
12	BT403	Human Biology and Diseases	3	0	0	6	Dept. Elective	B. Tech 8th semester	C	06-05-2022(9:00 to 12:00)	Dr. Limaye A. M., Dr. Kumar Manish
13	BT411	Metagenomics	3	0	0	6	Dept. Elective	B. Tech 8th semester	A	04-05-2022(9:00 to 12:00)	Dr. Tamuli Ranjan
14	BT412	Enzymology	3	0	0	6	Dept. Elective	B. Tech 8th semester	D	07-05-2022(9:00 to 12:00)	Dr. Goyal Arun
15	BT416	Bioenvironmental Engineering	3	0	0	6	Dept. Elective	B. Tech 8th semester	E	08-05-2022(9:00 to 12:00)	Dr. Das Debasish
16	BT420	Drug Design and Discovery	3	0	0	6	Dept. Elective	B. Tech 8th semester	B	05-05-2022(9:00 to 12:00)	Dr. Kanaujia S. P., Dr. Kumar Sachin
17	BT502	Quantitative Biology	3	0	2	8	Compulsory	M. Tech. 2nd semester	A	04-05-2022(9:00 to 12:00)	Dr. Kanaujia S. P., Dr. Limaye A.M.
18	BT504	Biomolecular and Cellular Process Engineering	3	0	0	6	Compulsory	M. Tech. 2nd semester	B	05-05-2022(9:00 to 12:00)	Dr. Sivaprakasam S.
19	BT520	Applied Biology and Bioengineering Lab	0	0	6	6	Compulsory	M. Tech. 2nd semester			Dr. Bora Utpal
20	BT601	Analytical Biotechnology	3	0	0	6	Dept. Elective	B. Tech 6th semester, M. Tech. 2nd semester, PhD	F	09-05-2022(9:00 to 12:00)	Dr. Ghosh S.S.
21	BT605	Gene Therapy	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	G1	10-05-2022(14:00 to 17:00)	Dr. Nagotu Shirisha
22	BT608	Microbial Biotechnology	3	0	0	6	Dept. Elective	B. Tech 6th semester, M. Tech. 2nd semester, PhD	G	10-05-2022(9:00 to 12:00)	Dr. Kaur Gurvinder
23	BT609	Bioprocess Engineering	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	D	07-05-2022(9:00 to 12:00)	Dr. Dasu V. V.
24	BT619	Essentials of Genetics (OPEN ELECTIVE)	3	0	0	6	Open Elective	B. Tech 6th semester, M. Tech. 2nd semester, PhD	F1	09-05-2022(14:00 to 17:00)	Dr. Chaturvedi Rakhi
25	BT621	Advances in Plant Genetic Engineering and Functional Genomics	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	C	06-05-2022(9:00 to 12:00)	Dr. Sahoo L.
26	BT622	Biofuels	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	A1	04-05-2022(14:00 to 17:00)	Dr. Pakshirajan K.
27	BT630	Physical Cell Biology (OPEN ELECTIVE)	3	0	0	6	Open Elective	B. Tech. 8th semester, M. Tech., 2nd semester, PhD	G	10-05-2022(9:00 to 12:00)	Dr. Anand B.
28	BT634	Animal Models in Biomedical Research	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	A1	04-05-2022(14:00 to 17:00)	Dr. Kunnumakkara A.B.
29	BT639	NMR Spectroscopy: Principles and Applications	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	C	06-05-2022(9:00 to 12:00)	Dr. Chaudhary Nitin
30	BT640	Neural Imaging and Signal Systems	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	F	09-05-2022(9:00 to 12:00)	Dr. Gupta Navin
31	BT643	Biointerface Engineering	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	G1	10-05-2022(14:00 to 17:00)	Dr. Pandey Lalit
32	BT699	M. Tech Project II (MTP II)	0	0	0	24	Compulsory	M. Tech. 4th semester			Dr. Priyadarshi Satpati, Dr. Sanjukta Patra
33	BT651	Quantum Chemistry of Atoms and Molecules	3	0	0	6	Dept. Elective	M. Tech. 2nd semester, PhD	D	07-05-2022(9:00 to 12:00)	Dr. Swaminathan R.
34	CE201	Surveying	3	0	0	6	Compulsory	B.Tech. 2nd year students of Civil Dept.	A	04-05-2022(9:00 to 12:00)	Dr. Ajay Dashora
35	CE205	Structural Analysis I	3	0	0	6	Compulsory	Btech 4th Sem.	B	05-05-2022(9:00 to 12:00)	Dr. Anjan Dutta
36	CE206	Geotechnical Engineering	3	0	0	6	Compulsory	Btech 4th Sem.	D	07-05-2022(9:00 to 12:00)	Dr. Ravi K.
37	CE213	Surveying Laboratory	0	0	2	2	Compulsory	B. Tech 2nd year students of Civil Dept.			Dr. Ajay Dashora
38	CE215	Geotechnical Engineering Laboratory	0	0	2	2	Compulsory	Btech 4th Sem.			Prof B. Singh
39	CE220	Hydraulics and Hydraulic Structures	3	0	0	6	Compulsory	Btech 4th Sem.	C	06-05-2022(9:00 to 12:00)	Dr. B. Kumar
40	CE221	Hydraulics and Hydraulic Structures Laboratory	0	0	2	2	Compulsory	Btech 4th Sem.			Dr. B. Kumar
41	CE222	Environmental Engineering I	3	0	0	6	Compulsory	B. Tech	E	08-05-2022(9:00 to 12:00)	Dr. S. B. Gokhale
42	CE223	Environmental Engineering I Lab	0	0	2	2	Compulsory	B. Tech			Dr. S. Chakraborty
43	CE252M	Infrastructure and Transportation Systems Planning	3	0	0	6	Minor	B.Tech, Minor, 4th Semester	G	10-05-2022(9:00 to 12:00)	Dr. Sharmila RB (Post Mid semester), Dr. L. Boeing Singh (Pre-Mid semester)
44	CE308	Construction Technology and Management	3	0	0	6	Compulsory	B.Tech., 6th Sem.	A1	04-05-2022(14:00 to 17:00)	Dr. Santu Kar
45	CE309	Design of Steel Structures	3	1	0	8	Compulsory	B.Tech., 6th	B1	05-05-2022(14:00 to 17:00)	Dr. Amit Shelke

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46	CE320	Engineering Hydrology	3	0	0	6	Compulsory	B.Tech., 6th	C1	06-05-2022(14:00 to 17:00)	Dr. Sreeja P.
47	CE321	Hydrology Laboratory	0	0	2	2	Compulsory	B.Tech., 6th			Dr. Sreeja P.
48	CE322	Transportation Engineering II	3	0	0	6	Compulsory	B.Tech, 6th Semester	D1	07-05-2022(14:00 to 17:00)	Dr. Mallikarjuna C.
49	CE323	Transportation Engineering II - Laboratory	0	0	2	2	Compulsory	B.Tech, 6th Semester			Dr. Nipiyoti Bhardwaj
50	CE324	Mathematical Concepts and Applications in Civil Engineering	3	1	0	8	Compulsory	B.Tech., 6th	E1	08-05-2022(14:00 to 17:00)	Dr. B. Hazra
51	CE504	Advanced Structural Design	3	0	0	6	Compulsory	MTech-Structural./PhD, 2nd	B	05-05-2022(9:00 to 12:00)	Dr. H. Sharma
52	CE510	Quality and Safety Management in Construction	3	0	0	6	Dept. Elective	Dept. Elective for MTech-IEM., 2nd Sem. and Ph.D	C1	06-05-2022(14:00 to 17:00)	Dr. Sparsh Johari
53	CE511	Analysis and Design of Bridges	3	0	0	6	Compulsory	MTech-Structural./PhD, 2nd B.Tech. 8th	A	04-05-2022(9:00 to 12:00)	Dr. K. Dasgupta
54	CE514	Plates, Shells and Elastic Stability	3	0	0	6	Dept Elective	MTech-Structural./PhD, 2nd	G	10-05-2022(9:00 to 12:00)	Dr. S. Talukdar
55	CE524	Biological Process in Environmental Engineering	3	0	0	6	Compulsory	MTech-Environ.	A	04-05-2022(9:00 to 12:00)	Dr. M. Jawed
56	CE525	Solids and Hazardous Waste	3	0	0	6	Compulsory	MTech-Environ.	B	05-05-2022(9:00 to 12:00)	Dr. A. Kalamdhad
57	CE533	Advance Foundation Engineering	3	1	0	8	Compulsory	M. Tech-Geotech. 2nd Sem	A1	04-05-2022(14:00 to 17:00)	Dr. Anil K. Mishra
58	CE534	Seminar Course	0	0	2	2	Compulsory	M. Tech-Geotech. 2nd Sem			Dr. Arindam Dey
59	CE544	Project Management Laboratory	0	0	3	3	Compulsory	MTech-IEM., 2nd Sem., and Dept. Elective for Ph.D			Dr. Santu Kar and Dr. Sparsh Johari
60	CE552	Water Resources Systems Analysis, planning & Management	3	0	0	6	Dept Elective	M. Tech, 2nd Sem	D1	07-05-2022(14:00 to 17:00)	Dr. A. K. Sarma
61	CE555	Principles of Water Quality and EIA	3	0	0	6	Compulsory	M. Tech., 2nd Sem	A	04-05-2022(9:00 to 12:00)	Dr. S. A. Kartha
62	CE556	Subsurface Hydrology	3	0	0	6	Compulsory	M. Tech., 2nd Sem, B Tech 8th	B	05-05-2022(9:00 to 12:00)	Dr. R. K. Bhattachariya
63	CE559	Watershed Management and Remote Sensing Applications	3	0	0	6	Dept Elective for M.Tech Open Elective for B.Tech	M. Tech., 2nd Sem, B.Tech. 8th Sem.	G	10-05-2022(9:00 to 12:00)	Dr. S. Dutta
64	CE583	Pavement Analysis and Design	3	0	0	6	Compulsory	MTech-Transport 2nd Semester, PhD	D	07-05-2022(9:00 to 12:00)	Dr. Teiborlang Lyngdoh Ryntathiang
65	CE584	Traffic Engineering	3	0	2	8	Compulsory	MTech-Transport 2nd Semester, PhD	B	05-05-2022(9:00 to 12:00)	Dr. Akhilesh Kumar Maurya
66	CE585	Credit Seminar	0	0	2	2	Compulsory	MTech-Transport, 2nd Semester			Dr. Anjan Kumar S.
67	CE594	Geohazards Science and Engineering	3	0	0	6	Compulsory	M.Tech. 2nd, B Tech 8th	E1	08-05-2022(14:00 to 17:00)	Dr. Archana M Nair
68	CE595	Advanced Techniques in Geosciences	2	0	2	6	Compulsory	M.Tech. 2nd	F1	09-05-2022(14:00 to 17:00)	Dr. Sayantan Chakraborty, Dr. Rishikesh Bharti
69	CE606	Earthquake Engineering	3	0	0	6	Dept. Elective	MTech-Structural./PhD, 2nd; B.Tech. 8th	C	06-05-2022(9:00 to 12:00)	Dr. S. Das
70	CE607	Random Vibration	3	0	0	6	Dept. Elective	MTech-Structural./PhD, 2nd; B.Tech., 8th	D	07-05-2022(9:00 to 12:00)	Dr. B. Hazra
71	CE608	Reliability based Structural Design	3	0	0	6	Dept Elective	MTech-Structural./PhD, 2nd	E1	08-05-2022(14:00 to 17:00)	Dr. Arunasis Chakraborty
72	CE610	Computational Structural Mechanics	3	0	0	6	Dept Elective	MTech-Structural./PhD, 2nd	F1	09-05-2022(14:00 to 17:00)	Dr. A. K. Singh
73	CE612	Advanced Concrete Technology	3	0	0	6	Compulsory	Compulsory for MTech-IEM., 2nd Sem., IEM, Dept. Elective for MTech-IEM Struc. Engg., 2nd Sem., and Dept. Elective for Ph.D	A1	04-05-2022(14:00 to 17:00)	Dr. Bulu Pradhan
74	CE614	Financing Infrastructure Projects	3	0	0	6	Compulsory	MTech-IEM., 2nd Sem. and Dept. Elective for Ph.D	B1	05-05-2022(14:00 to 17:00)	Dr. L. Boeing Singh
75	CE615	Design of Masonry Structures	3	0	0	6	Dept. Elective	MTech-Structural./PhD, 2nd	G1	10-05-2022(14:00 to 17:00)	Dr. Hemant B. Kaushik
76	CE618	Mechanics of Unsaturated Soils	3	0	0	6	Dept Elective	M. Tech. 2nd Sem. Geotech, WRE, B Tech 8th	E	08-05-2022(9:00 to 12:00)	Dr. T.V. Bharat
77	CE628	Traffic Flow Modelling and Simulation	3	0	0	6	Dept. Elective	MTech-Transport 2nd Semester, PhD	C	06-05-2022(9:00 to 12:00)	Dr. Nipiyoti Bhardwaj
78	CE623	Pavement Evaluation, Rehabilitation and Maintenance	3	0	0	6	Dept. Elective	MTech-Transport, IEM 2nd Semester, PhD	F1	09-05-2022(14:00 to 17:00)	Dr. Rajan Choudhary
79	CE624	Highway construction practise	3	0	0	6	Dept. Elective	MTech-Transport and PhD, II Semester, B Tech 8th	A1	04-05-2022(14:00 to 17:00)	Dr. Anjan Kumar S.
80	CE642	Subsurface Investigation and Instrumentation	3	0	0	6	Open Elective	M. Tech. 2nd Sem. Geotechnical Specialization	C1	06-05-2022(14:00 to 17:00)	Dr. Abhishek Kumar
81	CE646	Rock Mechanics	3	0	0	6	Elective	M. Tech. 2nd Sem. Geotechnical Specialization	G1	10-05-2022(14:00 to 17:00)	Dr. Sreedeeep
82	CE664	Industrial Wastewater Pollution Control	3	0	0	6	Dept Elective	MTech-WRE., Environ, 2nd Sem	C1	06-05-2022(14:00 to 17:00)	Dr. S. Chakraborty
83	CE665	Water Distribution and Wastewater Collection System Design	3	0	0	6	Dept Elective	MTech-WRE., Environ, 2nd Sem	F1	09-05-2022(14:00 to 17:00)	Dr. P.K. Ghosh
84	CH211	Industrial Chemistry	3	0	0	6	Compulsory	B. Tech.4-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Shyam Prosad Biswas
85	CH222	Applied Organic Chemistry	3	0	0	6	Compulsory	B. Tech.4-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Krishna Pada Bhabak

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86	CH223	Chemical Technology Lab - I (Organic)	0	0	6	6	Compulsory, Lab	B. Tech.4-Sem			Dr. Lal Mohan Kundu
87	CH224	Group Theory	3	0	0	6	Compulsory	B. Tech.4-Sem	B	05-05-2022(9:00 to 12:00)	Dr. G Krishnamoorthy
88	CH233	Spectroscopic Techniques in Chemistry	3	0	0	6	Compulsory	B. Tech.4-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Manabendra Ray, Dr. Sumana Dutta
89	CH323	Polymer Chemistry	3	0	0	6	Compulsory	B. Tech.6-Sem	D1	07-05-2022(14:00 to 17:00)	Dr. A.S. Achalkumar
90	CH332	Computational Chemistry	3	0	0	6	Compulsory	B. Tech.6-Sem	B1	05-05-2022(14:00 to 17:00)	Dr. Ashish Kumar Gupta
91	CH334	Chemical Technology Lab - III (Physical)	0	0	6	6	Compulsory, Lab	B. Tech.6-Sem			Dr. Debasis Manna
92	CH335	Application of Nanomaterials	3	0	0	6	Compulsory	B. Tech.6-Sem	C1	06-05-2022(14:00 to 17:00)	Dr. Uttam Manna
93	CH400	Computers and Chemistry	2	0	2	6	Compulsory	M. Sc.2-Sem	F	09-05-2022(9:00 to 12:00)	Dr. Aditya Narayan Panda
94	CH411	Inorganic Reaction Mechanism and Organometallics	3	1	0	8	Compulsory	M. Sc.2-Sem	B	05-05-2022(9:00 to 12:00)	Dr. Biplab Mondal
95	CH418	Biological Chemistry of Metal Ions	3	0	0	6	Dept. Elective - III	B. Tech.8-Sem	A	04-05-2022(9:00 to 12:00)	Dr. V Manivannan
96	CH419	Consumer Chemistry	3	0	0	6	Open Elective	B. Tech.6-Sem	F1	09-05-2022(14:00 to 17:00)	Dr. Bhisma Kumar Patel, Dr. Parameswar Krishnan Iyer
97	CH421	Organic Reactions Mechanisms	3	1	0	8	Compulsory	M. Sc.2-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Subhas Chandra Pan, Dr. Dipankar Srimani
98	CH425	Organic Chemistry Laboratory	0	0	9	9	Compulsory, Lab	M. Sc.2-Sem			Dr. Abu Taleb Khan, Dr. Chandan K. Jana
99	CH428	Drug Design and Development	3	0	0	6	Dept. Elective - IV	B. Tech.8-Sem	B	05-05-2022(9:00 to 12:00)	Dr. Bhubaneswar Mandal
100	CH432	Chemical Dynamics and Electrochemistry	3	1	0	8	Compulsory	M. Sc.2-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Anumita Paul
101	CH433	Applications of Spectroscopy	3	1	0	8	Compulsory	M. Sc.2-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Chandan Mukherjee, Dr. Sunanda Chatterjee
102	CH437	Chemical Approaches to Nanoscale Science and Technology	3	0	0	6	Dept. Elective -V	B. Tech.8-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Kalyan Raidongia
103	CH438	Application to Statistical Mechanics to Chemistry	3	0	0	6	Dept. Elective - IV	B. Tech.8-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Sumana Dutta , Dr. Sandip Paul
104	CH499	Project - II	0	0	12	12	Compulsory	B. Tech.8-Sem			
105	CH500	Graduate Seminar	0	0	2	2	Compulsory	M. Sc.4-Sem			Dr. Gopal Das
106	CH600	Project	0	0	18	18	Compulsory	M. Sc.4-Sem			
107	CH603	Concepts of Molecular Machine	3	0	0	6	Dept. Elective	Ph. D. + M.Sc +B Tech1 or 2-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Jubaraj Bikash Baruah
108	CH613	Applied Inorganic Chemistry	3	0	0	6	Dept. Elective - I	M. Sc. + PhD4-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Kingsuk Mahata
109	CH617	Organometallics	3	0	0	6	Dept. Elective	Ph. D.1 or 2-Sem	B1	05-05-2022(14:00 to 17:00)	Dr. Animesh Das
110	CH618	Bio-inorganic Chemistry	3	0	0	6	Dept. Elective	Ph. D.1 or 2-Sem	A1	04-05-2022(14:00 to 17:00)	Dr. Chivukula V Sastri and Dr. Jubaraj Bikash Baruah
111	CH621	Modern Reagents in Organic Synthesis	3	0	0	6	Dept. Elective - I	M. Sc.4-Sem	F	09-05-2022(9:00 to 12:00)	Dr. Tharmalingam Punniyamurthy
112	CH623	Supramolecular Chemistry	3	0	0	6	Dept. Elective-I	M. Sc4-Sem	B	05-05-2022(9:00 to 12:00)	Dr. Debapratim Das
113	CH627	New Reagents for Organic Synthesis	3	0	0	6	Dept. Elective	Ph. D.1 or 2-Sem	D1	07-05-2022(14:00 to 17:00)	Dr. Anil Kumar Saikia
114	CH629	Advances in Bio-organic Chemistry	3	0	0	6	Dept. Elective	Ph. D.1 or 2-Sem	C1	06-05-2022(14:00 to 17:00)	Dr. Subhendu Sekhar Bag
115	CH636	A Fundamental Approach to Physical Chemistry	3	0	0	6	Dept. Elective	Ph. D.1 or 2-Sem	F1	09-05-2022(14:00 to 17:00)	Dr. Kalyanasis Sahu
116	CH639	Principles and Applications of Molecular Fluorescence	3	0	0	6	Dept. Elective - II	M. Sc. + PhD4-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Mohd. Qureshi, Dr. Arun Chattopadhyay
117	CH644	Applied Quantum Chemistry	2	0	2	6	Open Elective	B. Tech. + MSc + PhD8-Sem	G	10-05-2022(9:00 to 12:00)	Dr. Manabendra Sarma

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118	CL205	Mass Transfer Operations I	3	1	0	8	Compulsory	Undergraduate & IV	D	07-05-2022(9:00 to 12:00)	Dr. Kaustubha Mohanty
119	CL206	Solid Fluid Operations	3	0	0	6	Compulsory	Undergraduate & IV	C	06-05-2022(9:00 to 12:00)	Dr. Subrata K. Mazumder
120	CL207	Computer Aided Numerical Methods	2	1	2	8	Compulsory	Undergraduate & IV	F	09-05-2022(9:00 to 12:00)	Dr. Prabir Saha & Dr. R. Anandalakshmi
121	CL208	Chemical Reaction Engineering I	2	1	0	6	Compulsory	Undergraduate & IV	A	04-05-2022(9:00 to 12:00)	Dr. Nageswara Rao Peela
122	CL209	Process Equipment Design I	1	0	3	5	Compulsory	Undergraduate & IV	B	05-05-2022(9:00 to 12:00)	Dr. Mihir Kumar Purkait
123	CL210H	Laboratory 1: Fluid Mechanics	0	0	3	1.5	Compulsory	Undergraduate & IV			Dr. Kaustubha Mohanty & Dr. Omkar Deshmukh
124	CL211H	Laboratory 2: Heat Transfer	0	0	3	1.5	Compulsory	Undergraduate & IV			Dr. Pankaj Tiwari & Dr. Senthilmurugan S
125	CL304	Chemical Process Technology	3	0	0	6	Compulsory	Undergraduate & VI	C1	06-05-2022(14:00 to 17:00)	Dr. Vimal Katiyar
126	CL305	Transport Phenomena	2	1	0	6	Compulsory	Undergraduate & VI	A1	04-05-2022(14:00 to 17:00)	Dr. Amit Kumar
127	CL306	Process Engineering & Economics	2	1	0	6	Compulsory	Undergraduate & VI	D1	07-05-2022(14:00 to 17:00)	Dr. Sumit Kumar
128	CL312	Computer Aided Process Equipmen Design	0	0	3	3	Compulsory	Undergraduate & VI			Dr. Tamal Banerjee & Dr. Raghvendra Gupta
129	CL313	Laboratory 4: Mass Transfer	0	0	3	3	Compulsory	Undergraduate & VI			Dr. Chandan Das & Dr. Mahuya De
130	CL314H	Laboratory 5: Reaction Engineering	0	0	3	1.5	Compulsory	Undergraduate & VI			Dr. Subrata K. Mazumder & Dr. Vaibhav V. Goud
131	CL315H	Laboratory 6: Process Control	0	0	3	1.5	Compulsory	Undergraduate & VI			Dr. Nanda Kishore
132	CL503	Advanced Thermodynamics	3	0	0	6	Compulsory	Post Graduate & II	D1	07-05-2022(14:00 to 17:00)	Dr. Tamal Banerjee
133	CL504	Advanced reaction Engineering	3	0	0	6	Compulsory	Post Graduate & II	C1	06-05-2022(14:00 to 17:00)	Dr. Bishnupada Mandal & Dr. Prabu Vairakannu
134	CL505	Petroleum Production Engineering	3	0	0	6	Compulsory	Post Graduate & II	F1	09-05-2022(14:00 to 17:00)	Dr. Abhijit Kakati
135	CL506	Smart Materials	3	0	0	6	Compulsory	Post Graduate & II	A	04-05-2022(9:00 to 12:00)	Dr. Partho S.G Pattader
136	CL514	Fundamentals of Material Science & Engineering	3	0	0	6	Compulsory	Post Graduate & II	A1	04-05-2022(14:00 to 17:00)	Dr. Chandan Das & Pallab Ghosh
137	CL598	Petroleum Laboratory	0	0	3	3	Compulsory	Post Graduate & II			Dr. G. Pugazhenti & Dr. Abhijit Kakati & Dr. Sumit Kumar
138	CL599	Scientific Communications	0	0	2	2	Compulsory	Post Graduate & II			Dr. Vijay S. Moholkar & Dr. Pallab Ghosh
139	CL612	Colloid and Interface Science	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all			Dr. Omkar Deshmukh
140	CL613	Computational Fluid Dynamics	3	0	0	6	Open Elective Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all			Dr. R Anandalakshmi
141	CL615	Optimization Techniques	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all	B1	05-05-2022(14:00 to 17:00)	Dr. Senthilmurugan S
142	CL619	Refinery process design	3	0	0	6	Dept. Elective	Undergraduate & VIII, Post Graduate & II, PhD & all		09-05-2022(9:00 to 12:00)	Dr. Animes Golder
143	CL622	Molecular simulations: Principles and Applications	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all	D	07-05-2022(9:00 to 12:00)	Dr. Ashok K. Dasmahapatra
144	CL625	Fundamentals of micro-nanofluidics & microfabrication	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all			Dr. Dipankar Bandyopadhyay
145	CL626	Energy Resources	3	0	0	6	Dept. Elective	Undergraduate & VIII, Post Graduate & II, PhD & all	E1	08-05-2022(14:00 to 17:00)	Dr. Vaibhav V. Goud
146	CL627	Multiphase flow	3	0	0	6	Dept. Elective	Undergraduate & VIII, Post Graduate & II, PhD & all	G	10-05-2022(9:00 to 12:00)	Dr. Anugrah Singh
147	CL628	Catalysis and adsorbents	3	0	0	6	Dept. Elective	Undergraduate & VIII, Post Graduate & II, PhD & all		09-05-2022(9:00 to 12:00)	Dr. Mahuya De
148	CL634	Applied Rheology	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all	G	10-05-2022(9:00 to 12:00)	Dr. Nanda Kishore
149	CL636	Microelectronic fabrication	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate (MST) & II, PhD & all	D	07-05-2022(9:00 to 12:00)	Dr. R. Prasanna Venkatesh
150	CL640	Research Methodology and Scientific Writing	3	0	0	6	Dept. Elective	Post Graduate & (II, IV), PhD & all	E1	08-05-2022(14:00 to 17:00)	Dr. Ramgopal V S Upaluri
151	CL643	Computer aided applied optimization	3	0	0	6	Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all			Dr. Prakash Kotecha

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
152	CL650	Quantum technologies in chemical engineering	3	0	0	6	Dept. Elective	Undergraduate & VIII, Post Graduate & II, PhD & all	D	07-05-2022(9:00 to 12:00)	Dr. Tapas K. Mandal
153	CL651	Foundations of Data Science for Engineers	3	0	0	6	Open Elective & Dept. Elective	Undergraduate & (VI,VIII), Post Graduate & II, PhD & all			Dr. Resmi Suresh M P
154	CS205	Formal Languages, Automata Theory, and Computation	3	0	0	6	Compulsory	B. Tech. 4th Sem.	A	04-05-2022(9:00 to 12:00)	Dr. R. Inkulu
155	CS206M	Datastructures and Algorithms	3	0	0	6	Minor	B. Tech. 4th Sem. Minor	G	10-05-2022(9:00 to 12:00)	Dr. S. V. Rao
156	CS207	Design and Analysis of Algorithms	3	0	0	6	Compulsory	B. Tech. 4th Sem.	B	05-05-2022(9:00 to 12:00)	Dr. G. Sajith
157	CS223	Computer Architecture and Organization	3	0	0	6	Compulsory	B. Tech. 4th Sem.	D	07-05-2022(9:00 to 12:00)	Dr. J. K. Deka, Dr. J. Jose
158	CS224	Hardware Lab	0	1	4	6	Compulsory	B. Tech. 4th Sem.			Dr. H. K. Kapoor
159	CS245	Database Management Systems	3	0	0	6	Compulsory	B. Tech. 4th Sem.	C	06-05-2022(9:00 to 12:00)	Dr. V. V. Saradhi, Dr. A. Awekar
160	CS246	Database Management Systems Lab	0	0	4	4	Compulsory	B. Tech. 4th Sem.			Dr. V. V. Saradhi, Dr. A. Awekar
161	CS331	Programming Languages Lab	0	1	3	5	Departmental Lab Elective	B. Tech. 6th Sem.			Dr. Benny George K.
162	CS345	Software Engineering	2	0	0	4	Compulsory	B. Tech. 6th Sem.	E1	08-05-2022(14:00 to 17:00)	Dr. Samit Bhattacharya
163	CS346	Software Engineering Lab	0	0	3	3	Compulsory	B. Tech. 6th Sem.			Dr. Samit Bhattacharya
164	CS348	Implementation of Programming Languages Lab	0	2	3	7	Compulsory	B. Tech. 6th Sem.			Dr. Pinaki Mitra
165	CS350M	Computer Systems	3	0	0	6	Minor	B. Tech. 6th Sem. Minor	G1	10-05-2022(14:00 to 17:00)	Dr. T. Venkatesh
166	CS361	Machine Learning	3	0	0	6	Compulsory	B. Tech. 6th Sem.	D1	07-05-2022(14:00 to 17:00)	Dr. Arijit Sur
167	CS506	Hierarchical Memory Algorithms	3	0	0	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D.	B1	05-05-2022(14:00 to 17:00)	Dr. Benny George K.
168	CS508	Optimization Methods	3	0	0	6	Open Elective		F1	09-05-2022(14:00 to 17:00)	Dr. Sukanta Bhattacharjee
169	CS528	High Performance Computing	3	0	0	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D.	C1	06-05-2022(14:00 to 17:00)	Dr. Aryabartta Sahu
170	CS529	Topics and Tools in Social Media Data Mining	2	0	2	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D., M. Tech. 2nd Sem. (Data Science)	A1	04-05-2022(14:00 to 17:00)	Dr. S. Ranbir Singh
171	CS534	Approximation Algorithms	3	0	0	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D.	D1	07-05-2022(14:00 to 17:00)	Dr. Sushanta Karmakar
172	CS544	Topics in Networks	3	0	0	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D.	A	04-05-2022(9:00 to 12:00)	Dr. Manas Khatua, Dr. Moumita Patra
173	CS549	Computer and Network Security	3	0	0	6	Departmental Elective	B. Tech. 6th Sem., B. Tech. 8th Sem., M. Tech. 2nd Sem., Ph.D.	B	05-05-2022(9:00 to 12:00)	Dr. Sukumar Nandi
174	CS558	Computer Systems Lab	0	1	4	6	Compulsory	M. Tech. 2nd Sem., Ph.D.			Dr. Manas Khatua, Dr. Moumita Patra
175	CS577	C Based VLSI Design	3	0	0	6	Open Elective	B. Tech. 6th Sem., B. Tech. 8th Sem	G	10-05-2022(9:00 to 12:00)	Dr. Chandan Karfa
176	CS595	Data Visualization Lab	0	0	3	3	Compulsory	M. Tech. 2nd Sem. (Data Science)			Dr. Ranbir Singh
177	DA671	Introduction to Reinforcement Learning	3	0	0	6	Elective	Ph.D., M.Tech., B.Tech. (8th semester)	D1	07-05-2022(14:00 to 17:00)	Dr. Arghyadip Roy
178	DA526	Image Processing with Machine Learning	3	0	0	6	Elective	Ph.D.	B	05-05-2022(9:00 to 12:00)	Dr. Debanga Raj Neog
179	DA546	Introduction to Statistical Learning	3	0	0	6	Elective	Ph.D.	C	06-05-2022(9:00 to 12:00)	Dr. Rhythm Grover
180	DD212	Visual Narratives	1	0	4	6	Compulsory	B.Des 4th Sem			Sheetal M Gokhale
181	DD213	Art and Aesthetics in Design	2	0	2	6	Compulsory	B.Des 4th Sem			Mriganka Madhukailya
182	DD214	Design Workshop	0	1	2	4	Compulsory	B.Des 4th Sem			Supradip Das
183	DD215	Cognitive Ergonomics	2	0	2	6	Compulsory	B.Des 4th Sem			Sougata Karmakar
184	DD220M	Introduction to Ergonomics	3	0	0	6	Minor	B. Tech 4th semester	G	10-05-2022(9:00 to 12:00)	Urmi R Salve
185	DD303	Typography and Grid systems	0	2	4	6	Compulsory	B.Des 4th Sem			Abhishek Shrivastav
186	DD311	Systems approach to Design	2	0	4	8	Compulsory	B.Des 6th Sem			Debayan Dhar
187	DD312	Design Evaluation Methods	1	2	0	6	Compulsory	B.Des 6th Sem			Shakuntala Acharya
188	DD320M	Product Planning and Strategy	3	0	0	6	Minor	B. Tech 6th semester	G1	10-05-2022(14:00 to 17:00)	Shareka Iqbal

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
189	DD322	Animation Fundamentals	1	1	4	8	Elective	B.Des 6th Sem			Manoj Majhi
190	DD324	(PD) Plastics & Composites	1	0	4	6	Elective	B.Des 6th Sem			Sharmistha Banerjee
191	DD325	(VC) Graphic Communication	0	1	4	6	Elective	B.Des 6th Sem			Manoj Majhi
192	DD326	(TD) Introduction to Automobile Design	0	1	4	6	Elective	B.Des 6th Sem			Abhishek Singh
193	DD398	BDes Project II	0	1	8	10	Compulsory	B.Des 6th Sem			Shakuntala Acharya
194	DD411	Design and Entrepreneurship	1	3	0	8	Compulsory	B.Des 8th Sem			Pratul C Kalita
195	DD499	BDes Project IV	3	0	0	6	Compulsory	B.Des 8th Sem			Udaya Kumar
196	DD505	Form Studies	0	2	3	7	Compulsory	M.Des 2nd Sem			Supradip Das
197	DD506	Graphic Design	0	1	6	8	Compulsory	M.Des 2nd Sem			Utpal Barua
198	DD507	Design Project	0	1	6	8	Compulsory	M.Des 2nd Sem			Shakuntala Acharya
199	DD509	Interaction Design	2	1	0	6	Elective	M.Des 2nd Sem			Keyur Sorathia
200	DD514	Collaborative Design Methods in New Product Development	1	2	0	6	Elective	M.Des 2nd Sem,B.Des 6th Sem			Pankaj Upadhyay
201	DD516	Digital Human Modelling and Simulation in Product Design	2	0	2	6	Elective	M.Des 2nd Sem,B.Des 6th Sem			Sougata Karmakar
202	DD517	Automobile Design	1	1	4	8	Elective	M.Des 2nd Sem,M.Des 4th Sem			Abhishek Singh
203	DD524	Graphic Design Studio	0	1	4	6	Elective	M.Des 4th Sem and B.Des 8th sem			Udaya Kumar
204	DD 532	Motion Graphics	2	0	2	6	Elective	M.Des 4th Sem and B.Des 8th sem			Manoj Majhi
205	DD605	Thesis Project (Phase II)	0	6	12	24	Compulsory	M.Des 4th Sem			
206	DD 606	Product Detailing	2	0	4	8	Elective	M.Des 4th Sem,B.Des 6th Sem and 8th sem			Pankaj Upadhyay
207	DD709	Design-based Project	0	0	6	6		PhD			Sharmistha Banerjee
208	DD710	Research-based Project	0	0	6	6		PhD			Shakuntala Acharya
209	DM503	Hazards monitoring and prediction	3	0	0	6	Compulsory	M.S. (R)/ M.Tech 2nd Semester, PhD	B	05-05-2022(9:00 to 12:00)	Dr. Sandip Das and Dr. Arindam Dey
210	DM504	Research methodology and field visit	2	0	2	6	Compulsory	M.S. (R)/ M.Tech 2nd Semester, PhD	G1	10-05-2022(14:00 to 17:00)	Dr. Budhadiya Hazra
211	DM514	Financing for Disaster Risk Reduction (DRR)	3	0	0	6	Elective	M.S. (R)/ M.Tech 2nd Semester, PhD	A1	04-05-2022(14:00 to 17:00)	Prof. Rajshree Bedamatta
212	DM515	Rehabilitation and Retrofitting of RC Structures	3	0	0	6	Elective	M.S. (R)/ M.Tech 2nd Semester, PhD	C1	06-05-2022(14:00 to 17:00)	Dr. Arunasis Chakraborty
213	EE206	Analog Circuits	3	1	0	8	Compulsory	B Tech (ECE and EEE) Fourth Semester	B	05-05-2022(9:00 to 12:00)	Dr. Roy Paily Palathinkal
214	EE207	Analog Circuits Laboratory	0	0	3	3	Compulsory	B Tech (ECE and EEE) Fourth Semester			Dr. Mahima Arrawattia
215	EE213M	Digital Circuits	3	0	0	6	Minor	B Tech (Minor ECE) Fourth Semester	G	10-05-2022(9:00 to 12:00)	Dr. Manish Bhatt
216	EE230	Probability and Random Processes	3	1	0	8	Compulsory	B Tech (ECE and EEE) Fourth Semester	A	04-05-2022(9:00 to 12:00)	Dr. Ribhu
217	EE250	Control Systems	3	1	0	8	Compulsory	B Tech (ECE and EEE) Fourth Semester	C	06-05-2022(9:00 to 12:00)	Dr. Indrani Kar
218	EE252	Measurement and Instrumentation	3	0	0	6	Compulsory	B Tech (ECE and EEE) Fourth Semester	F	09-05-2022(9:00 to 12:00)	Dr. Rishikesh Dilip Kulkarni
219	EE253	Instrumentation Laboratory	0	0	3	3	Compulsory	B Tech (ECE and EEE) Fourth Semester			Dr. Harshal B Nemade
220	EE313	Microelectronics Laboratory	0	0	3	3	Compulsory	B Tech (ECE) Sixth Semester			Dr. Arun Tej Mallajosyula
221	EE314	Flexible and Printable Electronics	3	0	0	6	Dept Elective	EEE + ECE	D1	07-05-2022(14:00 to 17:00)	Dr. Arun Tej Mallajosyula
222	EE322M	Signal Processing	3	0	0	6	Minor	B Tech (Minor ECE) Sixth Semester	G1	10-05-2022(14:00 to 17:00)	Dr. Kuntal Deka
223	EE332	Digital Communication	3	0	0	6	Compulsory	B Tech (ECE) Sixth Semester	A1	04-05-2022(14:00 to 17:00)	Dr. A Rajesh
224	EE333	Communication and DSP Laboratory	0	0	3	3	Compulsory	B Tech (ECE) Sixth Semester			Dr. Ribhu
225	EE334	Computer networks	3	0	0	6	Compulsory	B Tech (ECE) Sixth Semester	B1	05-05-2022(14:00 to 17:00)	Dr. Sudarshan Mukherjee
226	EE335	Information Theory & Coding	3	0	0	6	Dept Elective	EEE + ECE	C1	06-05-2022(14:00 to 17:00)	Dr. Arun B Aloshious
227	EE352	Advanced Control System	3	0	0	6	Dept Elective	EEE + ECE	C1	06-05-2022(14:00 to 17:00)	Dr. Somanath Majhi
228	EE360	Power Electronics	3	0	0	6	Compulsory	B Tech (EEE) Sixth Semester	A1	04-05-2022(14:00 to 17:00)	Dr. A. Ravidranath
229	EE370	Electrical Power Systems	3	0	0	6	Compulsory	B Tech (EEE) Sixth Semester	B1	05-05-2022(14:00 to 17:00)	Dr. Chandan Kumar
230	EE371	Advanced Electrical Engg Lab	0	0	3	3	Compulsory	B Tech (EEE) Sixth Semester			Dr. A. Ravidranath
231	EE381	Electrical Machines Lab	0	0	3	3	Compulsory	B Tech (EEE) Sixth Semester			Dr. Praveen Kumar
232	EE390	Data structure and algorithms	2	0	2	6	Compulsory	B Tech (ECE and EEE) Sixth Semester	E1	08-05-2022(14:00 to 17:00)	Dr. Anirban Dasgupta
233	EE399	BTP II (New Curriculum)	0	0	3	3	Compulsory	B Tech (ECE and EEE) Eighth Semester			Secretery DUPC
234	EE499	BTP Phase - II	0	0	6	6	Compulsory	B Tech (ECE and EEE) Eighth Semester			Secretery DUPC

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
235	EE512	Analog IC Design	3	0	0	6	Compulsory	M Tech (VLSI) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. Tanmay Dutta
236	EE515	VLSI System Design	3	0	0	6	Compulsory	M Tech (VLSI) Second Semester	B	05-05-2022(9:00 to 12:00)	Dr. Gaurav Trivedi
237	EE516	VLSI DSP	3	0	0	6	Compulsory	M Tech (VLSI) Second Semester	C	06-05-2022(9:00 to 12:00)	Dr. Shaik Rafi Ahamed
238	EE517	VLSI Lab-II	0	0	4	4	Compulsory	M Tech (VLSI) Second Semester			Dr. Tanmay Dutta
239	EE518	VLSI Lab-III	0	0	4	4	Compulsory	M Tech (VLSI) Second Semester			Dr. Gaurav Trivedi
240	EE521	Digital Signal Processing Lab	0	0	3	3	Compulsory	M Tech (SPML) Second Semester			Dr. Manoj B R
241	EE522	Statistical Signal Processing	3	0	0	6	Compulsory	M Tech (SPML) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. P K Bora
242	EE525	Advanced Topics in Machine Learning	3	0	0	6	Compulsory	M Tech (SPML) Second Semester	B	05-05-2022(9:00 to 12:00)	Dr. Prithwjit Guha
243	EE526	Machine Learning	3	0	0	6	Compulsory	M Tech (DS) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. Suresh Sundaram
244	EE527	Machine Learning Laboratory	0	0	3	3	Compulsory	M Tech (DS) Second Semester			Dr. Prithwjit Guha
245	EE533	Wireless Communications	3	0	0	6	Compulsory	M Tech (CE) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. Salil Kashyap
246	EE534	Communication System Design Lab	0	0	3	3	Compulsory	M Tech (CE) Second Semester			Dr. Sonali Chauhan
247	EE535	Data Communication Network	3	0	0	6	Compulsory	M Tech (CE) Second Semester	B	05-05-2022(9:00 to 12:00)	Dr. Sonali Chauhan
248	EE541	Antennas, RF and Microwave Laboratory	0	0	3	3	Compulsory	M Tech (RFP) Second Semester			Dr. K Rakesh Singh
249	EE543	Computational Electromagnetics	3	0	0	6	Compulsory	M Tech (RFP) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. Ratnajit Bhattacharjee
250	EE544	Photonics Devices and Circuits	3	0	0	6	Compulsory	M Tech (RFP) Second Semester	B	05-05-2022(9:00 to 12:00)	Dr. Debabrata Sikdar
251	EE553	Optimal Control	3	0	0	6	Compulsory	M Tech (SCA) Second Semester	C	06-05-2022(9:00 to 12:00)	Dr. Chitrakleha Mahanta
252	EE554	Nonlinear Systems and Control	3	0	0	6	Compulsory	M Tech (SCA) Second Semester	B	05-05-2022(9:00 to 12:00)	Dr. Srinivasan Krishnaswamy
253	EE555	Automation Laboratory	0	0	3	3	Compulsory	M Tech (SCA) Second Semester			Dr. Hanumant Singh Shekhawat
254	EE562	Power Electronics Applications in Power Systems	3	0	0	6	Compulsory	M Tech (PE) Second Semester	A	04-05-2022(9:00 to 12:00)	Dr. Sanjib Ganguly
255	EE572	Power Engineering Laboratory	0	0	3	3	Compulsory	M Tech (PE) Second Semester			Dr. Sanjib Ganguly
256	EE580	Electrical Machines and Drive Systems	3	0	0	6	Compulsory	M Tech (PE) Second Semester	C	06-05-2022(9:00 to 12:00)	Dr. Praveen Kumar
257	EE592	Detection and Estimation Theory	3	0	0	6	Compulsory	M Tech (CE) Second Semester	C	06-05-2022(9:00 to 12:00)	Dr. Kalpana Dhaka
258	EE595H	Stochastic Models	3	0	0	3	Compulsory	M Tech (DS) Second Semester	B	01-03-2022 (9:00 to 11:30)	Dr. Tony Jacob
259	EE596H	Optimization Techniques	3	0	0	3	Compulsory	M Tech (DS) Second Semester	B	05-05-2022 (9:00 to 11:30)	Dr. Tony Jacob
260	EE611	Organic Semiconductor Devices	3	0	0	6	OpenElective	Open Elective	G	10-05-2022(9:00 to 12:00)	Dr. Ravindra Kumar Jha
261	EE613	Radio Frequency Integrated Circuits	3	0	0	6	Dept Elective	Btech Eighth Semester/MTech Second Semester/ PhD	A1	04-05-2022(14:00 to 17:00)	Dr. Mahima Arrawattia
262	EE621	Computer Vision	3	0	0	6	Dept Elective	Btech Eighth Semester/MTech Second Semester/ PhD	B1	05-05-2022(14:00 to 17:00)	Dr. Manas Kamal Bhuyan
263	EE622	Biomedical Signal Processing	3	0	0	6	Dept Elective	Btech Eighth Semester/MTech Second Semester/ PhD	A1	04-05-2022(14:00 to 17:00)	Dr. Samarendra Dandapat
264	EE627	Biometrics	3	0	0	6	Dept Elective	SPML/CE	D1	07-05-2022(14:00 to 17:00)	Dr. Kanan Karthik
265	EE633	Error Control Codes	3	0	0	6	Dept Elective	SPML/CE	C1	06-05-2022(14:00 to 17:00)	Dr. Smarajit Das
266	EE634	MIMO Wireless Communications: Fundamentals and Advances	3	0	0	6	Dept Elective	VLSI/RFP	D1	07-05-2022(14:00 to 17:00)	Dr. K Rakesh Singh
267	EE643	Silicon Photonics	3	0	0	6	Dept Elective	VLSI/RFP	B1	05-05-2022(14:00 to 17:00)	Dr. Ramesh Kumar Sonkar
268	EE655	Mathematical Techniques for Control and Signal Processing	3	0	0	6	Dept Elective	SCA/SPML	E1	08-05-2022(14:00 to 17:00)	Dr. Hanumant Singh Shekhawat
269	EE656	Robust Control	3	0	0	6	Dept Elective	SCA/PE	A1	04-05-2022(14:00 to 17:00)	Dr. Chayan Bhawal
270	EE661	Power Electronics for Renewable Energy Systems	3	0	0	6	Dept Elective	PE/SCA	C1	06-05-2022(14:00 to 17:00)	Dr. Shabri Nath
271	EE674	Synchrophasor Technology	3	0	0	6	Dept Elective	PE/SCA	B1	05-05-2022(14:00 to 17:00)	Dr. Pravin Tripathi
272	EE 694	Introduction to Parallel computing	3	0	0	6	Dept Elective	MTech: RFP/VLSI BTech (8 th Semester) : ECE/EEE	C1	06-05-2022(14:00 to 17:00)	Dr.Gaurav Trivedi
273	EE665	Power Electronic Systems for Electric Vehicles	3	0	0	6	Dept Elective	PE/SCA	D1	07-05-2022(14:00 to 17:00)	Dr. Chandan Kumar
274	EE699	MTP Phase II	0	0	24	24	Compulsory	ALL M. Tech Fourth Semester			DPPC

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
275	EN671	Solar Energy Conversion Technology	3	0	0	6	Open Elective	B.Tech (eight semester), MSR (second semester), MTech (second semester), PhD (First and second semester),	G	10-05-2022(9:00 to 12:00)	Dr. Pankaj Kalita
276	EN674	Energy Economics, Planning and Management	3	0	0	6	Compulsory/Dept. Elective	MSR (second semester), MTech (second semester), PhD (First and second semester),			Dr. Pankaj Kalita
277	EN697	Project 1	0	0	12	12	Compulsory	MSR (second semester)			DPPC, Secretary
278	EN699	Project 3	0	0	24	24	Compulsory	MSR (Fourth semester)			Respective Faculty members
279	HS107	Problems of Philosophy	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. V. Prabhu
280	HS113	Cognitive Psychology	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Naveen Kashyap
281	HS119	Sociology of Science	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Sambit Mallick
282	HS123	Game Theory and Economics	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Debarshi Das
283	HS125	Introductory Macroeconomics	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Agnirup Sarkar
284	HS134	Introduction to Archaeology	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Sukanya Sharma
285	HS135	Topics in Bilingualism	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Bidisha Som
286	HS136	Introduction to Indian Constitution and Political Processes	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Mithilesh Kumar Jha
287	HS138	Psychology of Well Being	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Dilwar Hussain
288	HS139	The Short Story: Theory and Perspectives	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Kiran Keshavamurthy
289	HS148	Development and its Discontents	3	0	0	6	HSS Elective	Btech, 4th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Vasundhara Jairath
290	HS217	Social History of Technology in Modern India	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. John Thomas
291	HS218	Ecology and Society	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Ngamjahao Kipgen
292	HS221	Management of Organization Behaviour	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Nachiketa Tripathi
293	HS222	Philosophy of Science	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Abhishek Kashyap
294	HS229	Environmental Economics	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Mrinal Kanti Dutta
295	HS232M	Linguistic Analysis	3	0	0	6	Minor	Minor, 4th semester	G	10-05-2022(9:00 to 12:00)	Dr. Shakuntala Mahanta
296	HS233	History of Contemporary India	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Arupjyoti Saikia
297	HS235	Writing Systems of the World	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Priyankoo Sarmah
298	HS239	Economics of Uncertainty and Information	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Bodhisattva Sengupta
299	HS240	Literature and Science Writing	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Debapriya Basu
300	HS242	Transboundary Waters: Conflict and Cooperation	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Anamika Barua
301	HS244	Indian Business History	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Vipul Dutta
302	HS245	Social Choice and Welfare	3	0	0	6	HSS Elective	Btech, 8th semester	F	09-05-2022(9:00 to 12:00)	Dr. Amarjyoti Mahanta
303	HS320M	Literature and Film: The Word and the Image	3	0	0	6	Minor	Minor, 6th semester	G1	10-05-2022(14:00 to 17:00)	Dr. Rohini Mokashi Punekar
304	HS503	Sociology of Development	3	1	0	8	Compulsory	MA, 2nd semester	A1	04-05-2022(14:00 to 17:00)	Dr. Sambit Mallick & Dr. Vasundhara Jairath
305	HS517	Comparative Politics of Developing Countries	3	1	0	8	Compulsory	MA, 2nd semester	B	05-05-2022(9:00 to 12:00)	Dr. Pahi Saikia
306	HS523	Economic Development: Theory and Practice	3	1	0	8	Compulsory	MA, 2nd semester	C	06-05-2022(9:00 to 12:00)	Dr. Rajshree Bedamatta
307	HS524	Qualitative Research Methods in Social Sciences	3	1	0	8	Compulsory	MA, 2nd semester	D	07-05-2022(9:00 to 12:00)	Dr. Prasad Khanolkar
308	HS525	India's Development: Issues and Debates	3	1	0	8	Compulsory	MA, 2nd semester	E1	08-05-2022(14:00 to 17:00)	Dr. Daksha Parmar & Dr. Vasundhara Jairath
309	HS604	Development and Finance	3	0	0	6	Dept. Elective	MA, 4th semester	A	04-05-2022(9:00 to 12:00)	Dr. Saundariya Borbora
310	HS606	Sociology of Gender	3	0	0	6	Dept. Elective	MA, 4th semester	B	05-05-2022(9:00 to 12:00)	Dr. Sawmya Ray
311	HS699	Dissertation	0	0	0	32	Compulsory	MA, 4th semester			
312	HS707	Invisible Exchanges	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	D	07-05-2022(9:00 to 12:00)	Dr. Debapriya Basu & Dr. Rohini Mokashi Punekar
313	HS712	Introduction to Western Philosophy	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	F1	09-05-2022(14:00 to 17:00)	Dr. Abhishek Kashyap
314	HS714	Understanding Organizational Behaviour: Theory and Research	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	A1	04-05-2022(14:00 to 17:00)	Dr. Nachiketa Tripathi
315	HS716	Research Methodology in Psychology	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	B1	05-05-2022(14:00 to 17:00)	Naveen Kashyap
316	HS719	Philosophy of Religion	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	G	10-05-2022(9:00 to 12:00)	Dr. V Prabhu

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
317	HS724	History in Indian Vernaculars	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	E	08-05-2022(9:00 to 12:00)	Dr. Arupjyoti Saikia
318	HS727	Issues in Historical Research	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	F1	09-05-2022(14:00 to 17:00)	Dr. John Thomas
319	HS731	Heritage, Identity and Archaeology	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	A	04-05-2022(9:00 to 12:00)	Dr. Sukanya Sharma
320	HS732	Issues in Cultural Studies	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	B	05-05-2022(9:00 to 12:00)	Dr. Sukanya Sharma
321	HS733	Issues in Phonological Theory	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	D1	07-05-2022(14:00 to 17:00)	Dr. Shakuntala Mahanta
322	HS734	Perspectives in Linguistics	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	A1	04-05-2022(14:00 to 17:00)	Dr. Bidisha Som
323	HS735	Experimental Phonology	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	E1	08-05-2022(14:00 to 17:00)	Dr. Shakuntala Mahanta
324	HS740	Issues in Applied Ethics: a multicultural approach	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	E1	08-05-2022(14:00 to 17:00)	Dr. V Prabhu
325	HS749	Issues in Tone Languages	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	C1	06-05-2022(14:00 to 17:00)	Dr. Priyankoo Sarmah
326	HS753	Topics in International Relations	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021			Dr. Pahi Saikia
327	HS763	Research Methods in Political Science	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021			Dr. Mithilesh Kumar Jha & Dr. Pahi Saikia
328	HS771	Key Texts in Modern Political Thought	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021			Dr. Mithilesh Kumar Jha
329	HS768	Bilingualism: language and cognition	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	F	09-05-2022(9:00 to 12:00)	Dr. Bidisha Som
330	HS780	Understanding Social Movements	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	C	06-05-2022(9:00 to 12:00)	Dr. Vasundhara Jairath
331	HS781	Approaches to Diplomatic and Military History	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	G1	10-05-2022(14:00 to 17:00)	Dr. Vipul Dutta
332	HS784	Acoustic Analyses of Tone Languages	3	0	0	6	Dept. Elective	PhD, August 2020, January 2021	B1	05-05-2022(14:00 to 17:00)	Dr. Priyankoo Sarmah
333	LS521	Phonetics and Speech	3	0	0	6	ELECTIVE	PhD, August 2020, January 2021			Dr. Priyankoo Sarmah & Prof. Rohit Sinha
334	LS551	Introduction to Language Science	3	0	0	6	ELECTIVE	PhD, August 2020, January 2021			Dr. Shakuntala Mahanta
335	IFST017	Joint Degree Dissertation I	0	0	8	4	Compulsory	IMDFST (July 2021 batch)			Dr. V V Goud
336	IFST020	Dissertation Part IV	0	0	18	18	Compulsory	IMDFST (July 2020 batch)			Dr. V V Goud
337	MA212M	Mathematical Statistics	3	0	0	6	Minor	B. Tech (Mathematics Minor)-Sem 4	G	10-05-2022(9:00 to 12:00)	Dr. Subhamay Saha
338	MA224	Real Analysis	3	0	0	6	Compulsory	B. Tech (M&C)-Sem 4	B	05-05-2022(9:00 to 12:00)	Dr. Pratyoosh Kumar
339	MA252	Design and Analysis of Algorithms	3	0	0	6	Compulsory	B. Tech (M&C)-Sem 4	E	08-05-2022(9:00 to 12:00)	Dr. Kalpesh Kapoor
340	MA271	Financial Engineering - I	3	0	0	6	Compulsory	B. Tech (M&C)-Sem 4	A	04-05-2022(9:00 to 12:00)	Dr. Siddhartha Pratim Chakrabarty
341	MA312M	Modern Algebra	3	0	0	6	Minor	B. Tech (Mathematics Minor)-Sem 6	G1	10-05-2022(14:00 to 17:00)	Dr. K. V. Krishna
342	MA322	Scientific Computing	3	0	2	8	Compulsory	B. Tech (M&C)-Sem 6	C1	06-05-2022(14:00 to 17:00)	Dr. Rajen Kumar Sinha
343	MA324	Statistical Inference and Multivariate Analysis	3	0	0	6	Compulsory	B. Tech (M&C)-Sem 6	B1	05-05-2022(14:00 to 17:00)	Dr. Ayon Ganguly
344	MA351	Theory of Computation	4	0	0	8	Compulsory	B. Tech (M&C)-Sem 6	A1	04-05-2022(14:00 to 17:00)	Dr. Sagarmoy Dutta
345	MA373	Financial Engineering - II	3	0	0	6	Compulsory	B. Tech (M&C)-Sem 6	D1	07-05-2022(14:00 to 17:00)	Dr. Chandan Pal
346	MA374	Financial Engineering Laboratory	0	0	3	3	Compulsory	B. Tech (M&C)-Sem 6			Dr. Palash Ghosh, Dr. Chandan Pal
347	MA477	Financial Risk Management and Modelling	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 8	C	06-05-2022(9:00 to 12:00)	Dr. Arabin Kumar Dey
348	MA499	Project - II	0	0	10	10	Compulsory	B. Tech (M&C)-Sem 8			Dr. Ayon Ganguly
349	MA510	Combinatorics	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 8, M. Sc. (M&C)-Sem 4, Ph. D. (Mathematics)-Sem 1 and 2	G1	10-05-2022(14:00 to 17:00)	Dr. H Ramesh
350	MA512	Data Structures and Algorithms	3	0	2	8	Compulsory	M. Sc. (M&C)-Sem 2	C	06-05-2022(9:00 to 12:00)	Dr. Ashok Singh Sairam
351	MA542	Differential Equations	4	0	0	8	Compulsory	M. Sc. (M&C)-Sem 2	D	07-05-2022(9:00 to 12:00)	Dr. Swaroop Nandan Bora
352	MA547	Complex Analysis	3	1	0	8	Compulsory	M. Sc. (M&C)-Sem 2	E	08-05-2022(9:00 to 12:00)	Dr. M. Guru Prem Prasad
353	MA562	Mathematical Modelling and Numerical Simulation	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 6 and 8, M. Sc. (M&C)-Sem 4, Ph.D. (Mathematics)-Sem 1 and 2	D	07-05-2022(9:00 to 12:00)	Dr. Natesan Srinivasan
354	MA571	Numerical Linear Algebra	3	0	2	8	Compulsory	M. Sc. (M&C)-Sem 4	C1	06-05-2022(14:00 to 17:00)	Dr. Rafikul Alam
355	MA573	Numerics of Partial Differential Equations	3	0	2	8	Compulsory	M. Sc. (M&C)-Sem 4	B1	05-05-2022(14:00 to 17:00)	Dr. Bhupen Deka
356	MA588	R Programming Lab	0	0	3	3	Compulsory	M. Tech (data science)-Sem 2			Dr. Palash Ghosh
357	MA590	Probability Theory	3	1	0	8	Compulsory	M. Sc. (M&C)-Sem 2	A	04-05-2022(9:00 to 12:00)	Dr. Sameer Kamal

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
358	MA591	Optimization Techniques	3	1	0	8	Compulsory	M. Sc. (M&C)-Sem 2	B	05-05-2022(9:00 to 12:00)	Dr. Sukanta Pati
359	MA597	Queueing Theory and Applications	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 6, M. Sc. (M&C)-Sem 4, Ph.D. (Mathematics)-Sem 1 and 2	E1	08-05-2022(14:00 to 17:00)	Dr. N. Selvaraju
360	MA601	Graphs and Matrices	3	0	0	6	Open Elective	B. Tech (all disciplines)-Sem 8, M. Sc. (M&C)-Sem 4, Ph. D. (Mathematics)-Sem 1 and 2	G	10-05-2022(9:00 to 12:00)	Dr. Bhaba Kumar Sarma
361	MA617	Design and Analysis of Algorithms	3	0	0	6	Compulsory	Ph. D. (CSE)-Sem 1			Dr. Partha Sarathi Mandal
362	MA618	Mathematics for Computer Science	3	0	0	6	Compulsory	Ph. D. (CSE)-Sem 1			Dr. Kalpesh Kapoor
363	MA619	Data Structures Lab	0	2	2	6	Compulsory	Ph. D. (CSE)-Sem 1			Dr. Partha Sarathi Mandal
364	MA621	Rings and Modules	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 6 and 8, M. Sc. (M&C)-Sem 4, Ph.D. (Mathematics)-Sem 1 and 2	D	07-05-2022(9:00 to 12:00)	Dr. Vinay Wagh
365	MA 623	Introduction to Algebraic Geometry	3	0	0	6	Dept. Elective	Ph.D. (Mathematics)-Sem 1 and 2	D1	07-05-2022(14:00 to 17:00)	Dr. Vinay Wagh
366	MA625	Linear Algebra - I	3	1	0	8	Compulsory	Ph.D. (Mathematics)-Sem 1	A1	04-05-2022(14:00 to 17:00)	Dr. Anjan K. Chakrabarty
367	MA642	Real Analysis - I	3	1	0	8	Compulsory	Ph.D. (Mathematics)-Sem 1	B1	05-05-2022(14:00 to 17:00)	Dr. Arup Chattopadhyay
368	MA645	Introduction to C*-Algebras	3	0	0	6	Dept. Elective	Ph. D. (Mathematics)-Sem 1 and 2, M. Sc. (M&C)-Sem 4	G1	10-05-2022(14:00 to 17:00)	Dr. Anjan K. Chakrabarty
369	MA650	Advanced Course on Hardy Spaces	3	1	0	8	Dept. Elective	Ph.D. (Mathematics)-Sem 1 and 2	B	05-05-2022(9:00 to 12:00)	Dr. Rajesh Srivastava
370	MA651	Distributed Algorithms	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 6 and 8, M. Sc. (M&C)-Sem 4, Ph.D. (Mathematics)-Sem 1 and 2, M. Tech (data science)-Sem 2	E1	08-05-2022(14:00 to 17:00)	Dr. Partha Sarathi Mandal
371	MA652	Approximation Algorithms	3	0	0	6	Dept. Elective	B. Tech (M&C)-Sem 8, M. Sc. (M&C)-Sem 4, Ph. D. (Mathematics)-Sem 1 and 2, M. Tech (data science)-Sem 2	D1	07-05-2022(14:00 to 17:00)	Dr. Gautam K. Das
372	MA662	Differential Equations	3	1	0	8	Compulsory	Ph.D. (Mathematics)-Sem 1	C1	06-05-2022(14:00 to 17:00)	Dr. Shreemayee Bora
373	MA699	Project	0	0	12	12	Compulsory	M. Sc. (M&C)-Sem 4			Dr. Pratyoosh Kumar
374	MA746	Fourier Analysis	4	0	0	8	Dept. Elective	Ph.D. (Mathematics)-Sem 1 and 2	A	04-05-2022(9:00 to 12:00)	Dr. Jitendriya Swain
375	ME202M	Mechatronics	2	0	2	6	Minor	UG-IV	G	10-05-2022(9:00 to 12:00)	SNJ
376	ME221	Fluid Mechanics – I I (Div-1)	3	0	0	6	Compulsory	UG-IV	A	04-05-2022(9:00 to 12:00)	AD
377	ME221	Fluid Mechanics – II (Div-2)	3	0	0	6	Compulsory	UG-IV	A	04-05-2022(9:00 to 12:00)	AS
378	ME222	Manufacturing Technology – I (Div-1)	3	0	0	6	Compulsory	UG-IV	B	05-05-2022(9:00 to 12:00)	SSV
379	ME222	Manufacturing Technology – I (Div-2)	3	0	0	6	Compulsory	UG-IV	B	05-05-2022(9:00 to 12:00)	PSR
380	ME223	Solid Mechanics – II (Div-1)	3	0	0	6	Compulsory	UG-IV	C	06-05-2022(9:00 to 12:00)	USD
381	ME223	Solid Mechanics – II (Div-2)	3	0	0	6	Compulsory	UG-IV	C	06-05-2022(9:00 to 12:00)	NM
382	ME224	Kinematics of Machinery (Div-1)	2	1	0	6	Compulsory	UG-IV	D	07-05-2022(9:00 to 12:00)	SKP
383	ME224	Kinematics of Machinery (Div-2)	2	1	0	6	Compulsory	UG-IV	D	07-05-2022(9:00 to 12:00)	BSR
384	ME225	Mechanical Workshop – II (Div-1)	0	0	6	6	Compulsory	UG-IV			BP
385	ME225	Mechanical Workshop – II (Div-2)	0	0	6	6	Compulsory	UG-IV			SAT
386	ME226	Mechanical Engineering Lab – II (Div-1) (Kinematics, Data Acquisition, Turbomachinery)	0	0	3	3	Compulsory	UG-IV			BSR (K)© , AS(T),DB(D)
387	ME226	Mechanical Engineering Lab – II (Div-2)	0	0	3	3	Compulsory	UG-IV			AKD(T),KK(D), SMH(K)
388	ME302M	Fundamentals of Artificial Intelligence	2	0	2	6	Minor	UG-VI	G1	10-05-2022(14:00 to 17:00)	SMH
389	ME321	Applied Thermodynamics (Div-1)	3	0	0	6	Compulsory	UG-VI	A1	04-05-2022(14:00 to 17:00)	NS

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
390	ME321	Applied Thermodynamics (Div-2)	3	0	0	6	Compulsory	UG-VI	A1	04-05-2022(14:00 to 17:00)	PRM
391	ME322	Machine Design (Div I)	2	0	2	6	Compulsory	UG-VI	B1	05-05-2022(14:00 to 17:00)	SKK
392	ME322	Machine Design (Div II)	2	0	2	6	Compulsory	UG-VI	B1	05-05-2022(14:00 to 17:00)	PK
393	ME323	Mechanical Measurements (Div I)	3	0	0	6	Compulsory	UG-VI	D1	07-05-2022(14:00 to 17:00)	DB
394	ME323	Mechanical Measurements (Div II)	3	0	0	6	Compulsory	UG-VI	D1	07-05-2022(14:00 to 17:00)	BP
395	ME324	Industrial Engineering and Operations Reseach.	3	0	0	6	Compulsory	UG-VI	E1	08-05-2022(14:00 to 17:00)	DS
396	ME324	Industrial Engineering and Operations Researc	3	0	0	6	Compulsory	UG-VI	E1	08-05-2022(14:00 to 17:00)	MD
397	ME325	Control Systems (Div I)	3	0	0	6	Compulsory	UG-VI	F1	09-05-2022(14:00 to 17:00)	KK
398	ME325	Control Systems (Div II)	3	0	0	6	Compulsory	UG-VI	F1	09-05-2022(14:00 to 17:00)	SP
399	ME326	Mechanical Engineering Lab – IV (Tribology, Thermal Science, Instrumentation and Control)	0	0	3	3	Compulsory	UG-VI			SNJ(I)@AD(Th),SSV (Tr),IPDF(IC)
400	ME326	Mechanical Engineering Lab – IV	0	0	3	3	Compulsory	UG-VI			PRM(I),IPDF(IC),MP(Th),NM(Tr)
401	ME511	Engineering Materials and Characterization	3	0	0	6	Compulsory	PG	E	08-05-2022(9:00 to 12:00)	PKH
402	ME513	Physics of Deformation Processes	3	0	0	6	Compulsory	PG	A	04-05-2022(9:00 to 12:00)	RGN
403	ME515	Manufacturing Laboratory	0	0	6	6	Compulsory	PG			SKP
404	ME522	Convective Heat Transfer	3	0	0	6	Compulsory	PG	A	04-05-2022(9:00 to 12:00)	AMD
405	ME541	Continuum Mechanics	3	0	0	6	Compulsory	PG	E	08-05-2022(9:00 to 12:00)	SSG
406	ME542	Numerical Analysis	2	0	2	6	Compulsory	PG	B	05-05-2022(9:00 to 12:00)	AB
407	ME544	Computational Mechanics Laboratory	0	0	2	2	Compulsory	PG			GM
408	ME552	Aircraft Propulsion	3	0	0	6	Compulsory	PG	E	08-05-2022(9:00 to 12:00)	VK
409	ME553	Gas Dynamics	3	0	0	6	Compulsory	PG	B	05-05-2022(9:00 to 12:00)	BK
410	ME554	Rocket Propulsion	3	0	0	6	Compulsory	PG	C	06-05-2022(9:00 to 12:00)	UKS
411	ME605	Fracture, Fatigue and Failure Analysis	3	0	0	6	ELECTIVE		C	06-05-2022(9:00 to 12:00)	KSRKM
412	ME607	Introduction to Composite Materials	3	0	0	6	ELECTIVE		A	04-05-2022(9:00 to 12:00)	DC
413	ME612	Nuclear Energy: Concepts and Applications	3	0	0	6	ELECTIVE		B	05-05-2022(9:00 to 12:00)	DNB
414	ME615	Rotor Dynamics	3	0	0	6	ELECTIVE		D	07-05-2022(9:00 to 12:00)	RT
415	ME619	Fundamentals of Microfluidics	3	0	0	6	ELECTIVE		C1	06-05-2022(14:00 to 17:00)	SM
416	ME621	Refrigeration and Air-conditioning	3	0	0	6	ELECTIVE		C	06-05-2022(9:00 to 12:00)	PMK
417	ME628	Additive Manufacturing	3	0	0	6	ELECTIVE		B	05-05-2022(9:00 to 12:00)	SB
418	ME648	Viscous Fluid Flow	3	0	0	6	ELECTIVE		D	07-05-2022(9:00 to 12:00)	AKD
419	ME657	Two Phase Flow and Heat Transfer	3	0	0	6	ELECTIVE		E	08-05-2022(9:00 to 12:00)	MP
420	ME664	Sports Biomechanics	2	0	2	6	ELECTIVE		F1	09-05-2022(14:00 to 17:00)	SK
421	ME670	Computational Fluid Dynamics	3	0	0	6	ELECTIVE		C1	06-05-2022(14:00 to 17:00)	GM
422	ME674	Soft Computing for Engineers	3	0	0	6	ELECTIVE		G	10-05-2022(9:00 to 12:00)	SUP
423	ME683	Computational Gas Dynamics	3	0	0	6	ELECTIVE		D	07-05-2022(9:00 to 12:00)	TKM
424	ME688	Advanced machining processes	3	0	0	6	ELECTIVE		C1	06-05-2022(14:00 to 17:00)	RKM
425	NT705	Recent Advances in Nanotechnology	3	0	0	6	Dept. Elective	Ph.D			Dr. Nageswara Rao Peela and Dr. Partho Sarathi Gooh Pattader
426	PH202	Electromagnetics	3	1	0	8	Compulsory	Btech EP 4-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Alike Khare
427	PH204	Quantum Mechanics-I	2	1	0	6	Compulsory	Btech EP 4-Sem	B	05-05-2022(9:00 to 12:00)	Dr. C.Y.Kadolkar
428	PH206	Computational Physics	2	0	2	6	Compulsory	Btech EP 4-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Tapan Mishra
429	PH208	Digital electronics & microprocessors	3	0	0	6	Compulsory	Btech EP 4-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Dilip Pal
430	PH210	General Physics Laboratory-I	0	0	6	6	Compulsory	Btech EP 4-Sem			Dr. B.R.Majhi, Dr. Pankaj kr. Mishra
431	PH282M	Engineering optics	3	0	0	6	Minor	Btech 4-Sem	G	10-05-2022(9:00 to 12:00)	Dr. Sunil Khijwania
432	PH302	Solid state physics	2	1	0	6	Compulsory	Btech EP 6-Sem	A1	04-05-2022(14:00 to 17:00)	Dr. Sovan Chakraborty
433	PH304	Measurement techniques	2	0	2	6	Compulsory	Btech EP 6-Sem	E1	08-05-2022(14:00 to 17:00)	Dr. A.Srinivasan

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
434	PH306	Lasers and Ultra Fast Optics	3	0	0	6	Compulsory	Btech EP 6-Sem	B1	05-05-2022(14:00 to 17:00)	Dr. Gagan Kumar, Dr. Kanhaiya Pandey
435	PH308	Nuclear science & technology	3	0	0	6	Compulsory	Btech EP 6-Sem	C1	06-05-2022(14:00 to 17:00)	Dr. Udit Raha
436	PH310	Advance Physics Laboratory	0	0	0	6	Compulsory	Btech EP 6-Sem			Dr. Arunansu Sil, Dr. Tapan Mishra
437	PH312	Mini Project	0	0	0	6	Compulsory	BTech EP 6-Sem			Dr. Debaprasad Maity
438	PH382M	Laser Physics	3	0	0	6	Minor	BTech 6-Sem	G1	10-05-2022(14:00 to 17:00)	Dr. Alike Khare
439	PH402	Mathematical Physics-II	2	1	0	6	Compulsory	MSc Physics 2-Sem	E	08-05-2022(9:00 to 12:00)	Dr. Pratima Agarwal, Dr. Debasish Borah
440	PH404	Statistical Mechanics	3	1	0	8	Compulsory	MSc Physics 2-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Girish S Settur
441	PH406	Quantum Mechanics-II	3	1	0	8	Compulsory	MSc Physics 2-Sem	B	05-05-2022(9:00 to 12:00)	Dr. Soumitra Nandi
442	PH408	Measurement techniques	2	0	2	6	Compulsory	MSc Physics 2-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Uday Narayan Maiti
443	PH410	Electrodynamics-I	3	1	0	8	Compulsory	MSc Physics 2-Sem	D	07-05-2022(9:00 to 12:00)	Dr. Tarak Nath Dey
444	PH412	General Physics Laboratory-I	0	0	6	6	Compulsory	MSc Physics 2-Sem			Dr. Santabarta Das; Debasish Borah
445	PH422	Project-II	0	0	0	6	Compulsory	Btech EP 8-Sem			Dr. Debaprasad Maity
446	PH442	Theory and Simulation of Nanostructures	3	0	0	6	Open Elective	Btech 8-Sem	G	10-05-2022(9:00 to 12:00)	Dr. Padma Kumar Padmanabhan
447	PH451	Plasma Physics	3	0	0	6	Elective	Btech 8-Sem	A	04-05-2022(9:00 to 12:00)	Dr. Ashwini Kr. Sharma
448	PH452	Magnetic Recording	3	0	0	6	Elective	Btech 8-Sem	E	08-05-2022(9:00 to 12:00)	Dr. Subhash Thota
449	PH458	Applied superconductivity	3	0	0	6	Department elective	Btech EP 8-Sem	B	05-05-2022(9:00 to 12:00)	Dr. S.Ravi
450	PH464	Fundamentals of cosmology	3	0	0	6	Department elective	Btech EP 8-Sem	D	07-05-2022(9:00 to 12:00)	Dr. M.K.Nandy
451	PH466	Advanced Statistical Mechanics	3	0	0	6	Elective	Btech 8-Sem	C	06-05-2022(9:00 to 12:00)	Dr. Sitangshu Bikas Santra
452	PH516	Advance Physics Laboratory	0	0	6	6	Compulsory	MSc Physics 4-Sem			Dr. Subhash Thota, Dr. Sayan Chakrabarti
453	PH518	Project-II	0	0	12	12	Compulsory	MSc Physics 4-Sem			Dr. Pankaj Mishra
454	PH524	Thin Film Phenomena	3	0	0	6	Elective	MSc Physics 4-Sem	A1	04-05-2022(14:00 to 17:00)	Dr. Dobbidi Pamu
455	PH527	Nanostructured Materials	3	0	0	6	Elective	MSc Physics 4-Sem	B1	05-05-2022(14:00 to 17:00)	Dr. Perumal Algrasamy
456	PH541	Quantum computation & Quantum information	3	0	0	6	Department elective	MSc Physics 4-Sem,Btech 8th sem	C1	06-05-2022(14:00 to 17:00)	Dr. K.Pandey
457	PH544	High Energy Physics	3	0	0	6	Department elective	MSc Physics 4-Sem, Btech 8th sem	D1	07-05-2022(14:00 to 17:00)	Dr. Poulouse Poulouse
458	PH551	Nonlinear Dynamics and Chaos	3	0	0	6	Open Elective	Btech 6-Sem	F1	09-05-2022(14:00 to 17:00)	Dr. Amarendra Kr. Sarma
459	PH702	Statistical methods in condensed matter physics	3	0	0	6	Department Elective	Phd Physics 1,2-Sem	A1	04-05-2022(14:00 to 17:00)	Dr. Pankaj Mishra
460	PH704	Guided & Fourier wave optics	3	0	0	6	Department Elective	Phd Physics 1,2-Sem	B1	05-05-2022(14:00 to 17:00)	Dr. B.R.Boruah
461	PH706	Gravitation and Cosmology	3	0	0	6	Department Elective	Phd Physics, MSc Physics 1,2,4-Sem	F1	09-05-2022(14:00 to 17:00)	Dr. Debaprasad Maity
462	PH708	Mini Project	0	0	0	6	Department Elective	PhD Physics 1,2-Sem	D1	07-05-2022(14:00 to 17:00)	Dr. U.N.Maiti
463	RA505	Robot Sensing and Vision	3	0	0	6	Compulsory	M.Tech (Robotics and AI, 2nd Sem)	A1	04-05-2022(14:00 to 17:00)	Dr. Arijit Sur
464	RA506	Machine Learning	3	0	0	6	Compulsory	M.Tech (Robotics and AI, 2nd Sem)	G1	10-05-2022(14:00 to 17:00)	Dr. Prithwijit Guha
465	RT512	Livelihood and Entrepreneurship	3	0	0	6	Compulsory	M.Tech/PhD, II Sem	A	04-05-2022(9:00 to 12:00)	Dr. Sudip Mitra, Dr. Siddhartha Singha
466	RT514	Water Resources Management	3	0	0	6	Dept. Elective	M.Tech/PhD, II Sem	B	05-05-2022(9:00 to 12:00)	Dr. Meena Khwairakpam
467	RT515	Natural Resources Management	3	0	0	6	Dept. Elective	M.Tech/PhD, II Sem	C	06-05-2022(9:00 to 12:00)	Dr. Sudip Mitra
468	RT516	Product and Process Development in Food & Bioprocessing industries	3	0	0	6	Dept. Elective	M.Tech/PhD, II Sem			Dr. Siddhartha Singha
469	RT517	Agri-horticulture Produce Processing Technology	3	0	2	8			D	07-05-2022(9:00 to 12:00)	Dr. Siddhartha Singha

List of Courses Offered in the Winter Semester (Jan-May), 2022

S. No.	CourseNo.	Course Title	L	T	P	C	Type of Course	Offered to	Exam Slot	Exam Date and Time	Name(s) of Course Instructor(s)
470	RT520	Field Work and Communication	1	0	4	6	Compulsory	M.Tech/PhD, II Sem	E	08-05-2022(9:00 to 12:00)	Dr. Sudip Mitra, Dr.Siddhartha Singha, Dr. Meena Khwairakpam
471	RT692	Project Phase - II	0	0	24	24	Compulsory	M. Tech, IV Sem			