

List of courses to be offered in 2021-22-W semester									
Sr. No.	Course Code	Course Name	Credits	Lect./Lab Slot	Lect./Lab Room	Tut. Slot	Tut. Room	Instructor Incharge	Other Instructors
1	AA101	Essential Physical Activity	1 to 4		NA			Dr. Purnendu Das	
2	AA102	National Sports Organization	1 to 4		NA			Dr. Purnendu Das	
3	AA103	National Service Scheme	1 to 4		NA			Dr. Pawan Kumar Mishra	
4	CA250	Professional Ethics	2	G56	107 & 207*			Dr. Nagesh D. Patil	
5	CS101	Discrete Structures-I	4	I14	202			Dr. Barun Gorain	
6	CS200	Software Tool and Technologies Lab-II	4	K14	207			Dr. Amit Kumar Dhar	Dr. Dhiman Saha
7	CS203	Theory of Computation I	4	C14	204			Dr. Rishi Ranjan Singh	
8	CS250	Operating Systems	4	H36	107			Dr. Anand M. Baswade	
9	CS251	Introduction to Language Processing	4	D14	102 & 204*			Dr. Vishwesh Jatala	
10	CS252	Algorithms-II	4	F36	102 & 204*			Dr. I. Vinod Kumar Reddy	
11	CS254	Database Management Systems	4	L14	203			Dr. Subhajit Sidhanta	
12	CS499	Thesis	6 to 24		NA			DUGC EECS	
13	CS518	Simulation of Biology	2	F56	302			Dr. Arzad Alam Kherani	Dr. Rishi Ranjan Singh Dr. Rukmankesh
14	CS519	High Performance Computer Architecture	6	A16	103			Dr. Vishwesh Jatala	
15	CS552	Network Science	6	H16	102			Dr. Rishi Ranjan Singh	
16	CS559	Computer System Design	6	K16	103			Dr. Gagan Raj Gupta	Dr. Subhajit Sidhanta
17	CS599	Thesis	6 to 24		NA			DPGC EECS	
18	CS607	Adversarial Machine Learning: Security and Privacy of ML	6	E16	202			Dr. SK Subidh Ali	
19	CS608	Advanced Graph Algorithms	6	C16	103			Dr. Vinod I Reddy	
20	CS614	Quantum Symmetric-key cryptanalysis	6	I16	204			Dr. Dhiman Saha	
21	CS795	Phd Candidacy	0		NA			DPGC-EECS	
22	CS798	Independent Study: Integrated Space-Aerial-Terrestrial Networks	6	NA	NA			Dr. Anand M. Baswade	
23	CS799	Thesis	6 to 24		NA			DPGC-EECS	
24	CY202	Applied Chemistry	2	B12	103			Dr. Arup Mukherjee	
25	CY203	An Introduction to Food Science and Technology	2	I34	102			Dr. Arup Mukherjee	
26	CY506	Inorganic Chemistry Practical	2	R14	CY Lab			Dr. Arup Mukherjee	Dr. Raghavender Medishetty
27	CY507	Statistical Mechanics and Thermodynamics	4	I36	203			Dr. MD. Mehboob Alam	
28	CY508	Molecular Spectroscopy	4	H14	202			Dr. Satyajit Gupta	
29	CY509	Bioinorganic Chemistry	6	A16	202			Dr. Suchetan Pal	
30	CY510	Stereochemistry and Reaction Mechanism	6	K16	203			Dr. Ganapathy D	
31	CY511	Physical Organic Chemistry	2	D12	202			Dr. Sanjib Banerjee	
32	CY512	Thermal and Photochemical Reactions	4	D36	202			Dr. Raghavender Medishetty	
33	CY513	Physical Chemistry Lab	2	S14	CY Lab			Dr. Md Mehboob Alam	Dr. Satyajit Gupta Dr. Rukmankesh Dr. Suchetan Pal
34	CY514	Organic Chemistry Lab	2	V36	CY Lab			Dr. Ganapathy D	Dr. Sanjib Banerjee
35	CY608	Nanostructured Materials	2	F56	202			Dr. Satyajit Gupta	
36	CY610	Molecular Physical Chemistry for Engineers	2	B34	103			Dr. MD. Mehboob Alam	
37	CY613	Materials for Emerging Applications	2	I56	202			Dr. Sanjib Banerjee	
38	CY616	Molecular Geometry Predictions	2	L56	TBA			Dr. Md Mehboob Alam	
39	CY617	Introduction to Solar Energy Material	2	B56	103			Dr. Satyajit Gupta	
40	CY618	Bionanotechnology	2	F34	202			Dr. Suchetan Pal	
41	CY619	Industrial Inorganic Chemistry	2	F12	202			Dr. Raghavender Medishetty	
42	CY622	Introduction to Molecular Modeling	2	L12	102			Dr. Rukmankesh	
43	CY624	Chemistry of Heterocyclic compounds and natural products	6	C16	203			Dr. Ganapathy D	
44	CY626	Advanced Molecular Simulation — Underneath Theory and Practice	6	L16	302			Dr. MD. Mehboob Alam	
45	CY627	An Introduction to Catalyst Design: Function and Application	2	L34	102			Dr. Arup Mukherjee	
46	CY629	Introduction to Health, Safety and Environmental Practices	2	B12	202			Dr. Ganapathy D	
47	CY699	Thesis	18		NA			DPGC CY	
48	CY795	Phd Candidacy	0		NA			DPGC CY	
49	CY799	Thesis	6 to 24		NA			DPGC CY	
50	DS201	Statistical Programming	4	H14	202			Dr. Nitin Khanna	
51	DS209	Information Security	4	D36	207			Dr. Souradyuti Paul	
52	DS250	Data Analytics and Visualization	6	I16	107			Dr. Gagan Raj Gupta	
53	DS251	Artificial Intelligence	6	F16	107 & 207*			Dr. Soumajit Pramanik	
54	DS252	DSAI - Lab	2	Q36	EE Lab			Dr. SK Subidh Ali	
55	DS501	Information Retrieval	6	B16	102 & 204*			Dr. Soumyajit Pramanik	
56	DS599	Thesis	6 to 24		NA			DPGC EECS	
57	DS602	Digital Speech Processing	6	A16	107			Dr. Anil Kumar Sao	

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58	DS795	Phd Candidacy	0		NA			DPGC EECS	
59	DS798	Independent Study: Entity Resolution on Structured and Unstructured D	6	NA	NA			Dr. Soumyajit Pramanik	
60	DS799	Thesis	6 to 24		NA			DPGC EECS	
61	EE171	EE Independent Project	2	36	NA			Dr. Nitin Khanna	
62	EE203	Embedded Systems	4	K14	102 & 204*			Prof. Santosh Biswas	
63	EE204	Analog Circuits	6	L16	204			Dr. Nikhil Chander	
64	EE205	Power Engineering-I	6	D16	107			Dr. Prashant Agnihotri	
65	EE352	EE Lab-III	2	S14 & T14	EE Lab			Dr. Sreejith T. V	
66	EE353	EE Lab-IV	2	U36	EE Lab			Dr. Nitin Khanna	
67	EE371	Independent Project	2	14	NA			Dr. Anil Kumar Sao	
68	EE499	Thesis	6 to 24		NA			DUGC EECS	
69	EE512	Advanced and Digital Control Systems	6	K16	107			Dr. Avishek Adhikari	
70	EE515	Wireless Communication Security With SDRS	3	B46	202			Dr. Arzad Alam Kherani	
71	EE521	Analog IC Design	6	L16	202			Dr. Kapil Jainwal	
72	EE529	Introduction to Wireless and Cellular Communications	6	H16	103			Dr. Sreejith T. V	
73	EE566	Math of Turn-Based Strategy Games	3	A46	102			Dr. Arzad Alam Kherani	
74	EE567	Math of Machine Learning	3	A13	102			Dr. Arzad Alam Kherani	
75	EE599	Thesis	6 to 24		NA			DPGC EECS	
76	EE605	Advanced Computer Networks	6	D16	103			Dr. Anand M. Baswade	
77	EE701	Wireless Mac Modeling	6	H16	302			Dr. Arzad Alam Kherani	
78	EE795	Phd Candidacy	0		NA			DPGC EECS	
79	EE799	Thesis	6 to 24		NA			DPGC EECS	
80	IC100	Introduction to Programming	6	J16, Q16	107, CC	X16	107	Dr. Barun Gorain	
81	IC200	Introduction to Astronomy and Astrophysics	4	B14	107 & 207*	X14	102 202 203	Dr. Mahavir Sharma	
82	IC250	Materials Chemistry-II	2	B56	107 & 207*	X56	102 202 203	Dr. Arup Mukherjee	
83	IC601	Research Methodology	6	H16	204			Dr. Sanjib Banerjee	
84	CA106	Madhubani Painting	2	56	TBA			Ms. Shalinee Kumari (Ex. Faculty)	
85	CA109	Sculpture Design	2	23	TBA			Dr. Chhagendra Usendi (Ex. Faculty)	
86	CA110	Fundamentals of Hindustani Music	2	34	TBA			Prof. Naman Dutt (Ex. Faculty) Dr. Lisheshwar Verma (Ex. Faculty)	
87	LA303	Chinese Language Beginner's-1	1	G11	202			Ms. Lu, Hao-Yu	
88	LA308	Positive Psychology	2	C12	107 & 207*			Dr. Anindita Ghosh	
89	LA311	Chinese Language Beginner's-3	2	G34	202			Ms. Lu, Hao-Yu	
90	LA313	Chinese Language Beginner's-5	2	J12	202			Ms. Lu, Hao-Yu	
91	LA315	Chinese Language Beginner's-2	1	G22	207			Ms. Lu, Hao-Yu	
92	LA324	Leadership: An Organizational Behaviour Perspective	2	J34	207			Dr. Anindita Ghosh	
93	LA326	Adaptation: Literature and Beyond	2	J56	202			Dr. Sonal Jha	
94	LA327	Introduction to Partition Literature	2	C34	202			Dr. Sonal Jha	
95	LA328	Economic Development in India	2	J56	207			Dr. Sitakanta Panda	
96	LA332	Chinese Culture	1	G55	202			Ms. Lu, Hao-Yu	
97	LA333	Chinese Calligraphy	1	J55	204			Ms. Lu, Hao-Yu	
98	LA354	Introduction to Postcolonial Literature	2	J12	203			Dr. Sonal Jha	
99	LA358	Game Theory	2	G34	207			Dr. Radeef Chundakkadan	
100	LA361	Introduction to Modern American Poetry	2	J34	202			Dr. Thirthankar Chakraborty	
101	LA362	Creative Writing: The Short Story	2	G56	203			Dr. Thirthankar Chakraborty	
102	LA795	Phd Candidacy	0		NA			DPGC LA	
103	LA799	Thesis	6 to 24		NA			DPGC LA	
104	MA505	Complex Analysis	6	A16	204			Dr. Lakshmi Kanta Patra	
105	MA506	Multi-Variable Calculus	4	E14	102			Dr. Anuj Jakhar	
106	MA507	Numerical Techniques	6	C16	102			Prof. P. D. Srivastava	
107	MA508	Topology	6	G16	204			Dr. Asrifa Sultana	
108	MA514	Analytic Number Theory	6	F16	403			Dr. Raj Kumar Mistri	
109	MA607	Fourier Analysis	6	I16	103			Dr. Avijit Pal	
110	MA611	Stochastic Processes	6	L16	303			Dr. Kuldeep Kumar Kataria	
111	MA618	Introduction to Spectral Theory	6	B16	203			Dr. Arnab Patra	
112	MA619	Advanced Algebraic Number Theory	6	H16	203			Dr. Anuj Jhakar	

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113	MA699	Thesis	18		NA			DPGC MA	
114	MA795	Phd Candidacy	0		NA			DPGC MA	
115	MA799	Thesis	6 to 24		NA			DPGC MA	
116	ME102	Engineering and Machine Drawing	3	S16	ME Lab			Dr. Kaushik Bandyopadhyay	
117	ME151	Fundamentals of Metallurgy	3	I46	304			Dr. Rahul Jain	
118	ME213	Heat and Mass Transfer	6	L16	304			Dr. Udayraj	
119	ME232	Dynamics	6	H16	207			Dr. Anshul Faye	
120	ME334	Design of Machine Elements	6	A16	203			Dr. Purnendu Das	
121	ME352	Manufacturing Science II	6	D16	304			Dr. Soumya Gangopadhyay	Dr. Purnendu Das
122	ME371	Mechanical Engineering Labs-I	3	S16	ME Lab			Dr. Anshul Faye	Dr. Vijay Shantaram Duryodhan
123	ME372	Mechanical Engineering Labs-II	3	U16	ME Lab			Dr. Rahul Jain	Dr. Udayraj
124	ME413	Refrigeration and Air-Conditioning	6	B16	303			Dr. Pravesh C. Shukla	
125	ME416	Power Plant Engineering	6	I16	207			Dr. Pravesh C. Shukla	
126	ME499	Thesis	6 to 24		NA			DUGC ME	
127	ME513	Convective heat transfer	6	H16	303			Dr. Vijay S. Duryodhan	
128	ME555	The Science and Technology of Metal Forming	6	K16	302			Dr. Kaushik Bandyopadhyay	
129	ME556	Fluid Power Systems	4	E36	207			Dr. Jose Immanuel R.	
130	ME599	Thesis	6 to 24		NA			DPGC ME	
131	ME613	Microfluidics	6	L16	103			Dr. Vijay S. Duryodhan	
132	ME616	Interfacial Transport Phenomena	6	F16	203			Dr. Nagesh Patil	
133	ME632	Fracture Mechanics	6	F16	304			Dr. Anshul Faye	
134	ME633	Finite Element Method	6	K16	202			Dr. Rahul Jain	
135	ME652	Automation	6	A16	207			Dr. Soumya Gangopadhyay	
136	ME653	Experimental Methods in Fluids and Thermal Science	6	K16	304			Dr. Balkrishna Mehta	
137	ME654	Advanced Materials - Development and Characterization	6	16	NA			Dr. Jose Immanuel R.	
138	ME673	Computational Fluid Dynamics Laboratory	1	R34	CC			Dr. Udayraj	
139	ME795	Phd Candidacy	0		NA			DPGC ME	
140	ME798	Independent Study: Mocomachining	6	NA	NA			Dr. Soumya Gangopadhyay	Dr. Purnendu Das
141	ME799	Thesis	6 to 24		NA			DPGC ME	
142	PH505	Electronics Laboratory	6	R16, I ₂ 16	PH Lab			Dr. Dhruv Singh	
143	PH506	Statistical Physics	6	L16	107 & 207*			Dr. Sabyasachi Ghosh	
144	PH507	Quantum Mechanics-II	6	E16	204			Dr. Sesha Vempati	
145	PH509	Nuclear and Particle Physics	6	D16	302			Dr. Sudhanwa Patra	
146	PH510	Experimental Laboratory	6	T16, I ₁ 16	PH Lab			Dr. Sesha Vempati	
147	PH606	Particle Physics	6	F16	303			Dr. Sudhanwa Patra	Dr. Sabyasachi Ghosh
148	PH607	Relativistic matter at finite magnetic field	6	B16	302			Dr. Sabyasachi Ghosh	
149	PH608	Physics of Galaxies and Interstellar Medium	6	E16	103			Dr. Mahavir Sharma	
150	PH699	Thesis	18		NA			DPGC-PH	
151	PH795	Phd Candidacy	0		NA			DPGC-PH	
152	PH799	Thesis	6 to 24		NA			DPGC-PH	

* Classes will taught by the course instructor in one room and relayed in the other room.