Course Offering UG 2nd Year and Rest, Monsoon Semester(AY2021-22)

Sl No	Course Code	Course Title	Faculty Name	Credits	Acronyms	Open For	Also Open For	Antirequisite courses
UG IInd Year Core Courses								
1	BIO211	Cell Biology and Biochemistry	Jaspreet Kaur Dhanjal	4	CBBC	CSB Core		
2	BIO214	Genetics and Molecular Biology	Gaurav Ahuja	4	GMB	CSB Core		
3	CSE121	Discrete Mathematics	Samrith Ram	4	DM	CSE,CSAI,CSSS-Core, CSD-Maths Elective		DS
4	CSE201	Advanced Programming	Koteswar Rao Jerripothula + Vivek Kumar	4	AP	CSE,CSAI,CSD,CSSS,CSB-Core, CSAM-Special Elective		
5	CSE231	Operating Systems	Arani Bhattacharya + Sambuddho Chakravarty	4	OS	CSE,CSAI,CSAM,CSD,CSSS,CSB-Core		
6	DES201	Design Perspectives and Processes	Indrani De Parker(V)	4	DPP	CSD-Core		
7	MTH203	Math III	Shilpak Banerjee	4	M-III	CSAI,CSSS,CSB,ECE-Core, CSE Elective, CSD Maths Elective		RA-I
8	MTH210	Discrete Structures	Sankha S Basu	4	DS	CSAM-Core		DM
9	MTH211	Number Theory	Sneha Chaubey	4	NT	CSE-Elective, CSAM-Special Elective		
10	MTH240	Real Analysis I	Debika Banerjee	4	RA-I	CSAM-Core, CSE-Elective		M-III
11	ECE215	Circuit Theory and Devices	Shobha Sundar Ram	4	CTD	ECE-Core		
12	ECE250	Signals & Systems	Tammam Tillo	4	S&S	ECE,CSAI-Core, CSE-Elective, CSAM-Special Elective		
13	ECE270	Embedded Logic Design	Sumit J Darak	4	ELD	ECE-Core		
14	SOC212	Key concepts in Economic Sociology	Amrit Srinivasan(V)	4	KCES	CSE,ECE,CSAM SSH Elective		
15	SSH201	Research Methods in Social Science and Design	Venkata Ratnadeep Suri	4	RMSSD	CSSS,CSD-Core	CSD 3rd year-Core	
16	SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA	CSE,ECE,CSAM SSH Elective		
17	SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP	CSE,ECE,CSAM SSH Elective		
UG IIIrd Year Core and Special Electives								
18	BIO321	Algorithms in Bioinformatics	Debarka Sengupta	4	ABIN	CSB-Core	Rest UG students	
19	BIO361	Biophysics	Arjun Ray	4	BioP	CSB-Core	Rest UG students	
20	COM301	Technical Communication	Payel Mukherjee(V)	2	Tcom	Core for all UG programs		
21	ESC207A	Ecology Evolution and Environment	Atreyee Bhattacharya(G)	2	EEE	Core for all UG programs		EVS
22	CSE232	Computer Networks (CSE-MM,Others-RS)	Mukulika Maity + Rinku Shah	4	CN	CSE,CSD-Core, CSAI-Special Elective		
23	CSE301/CSE601	Compilers	Piyus Kedia	4	CMP	CSAI-Special Elective	Rest students	
24	CSE343/CSE543/ECE 363/ECE563	Machine Learning(UG 3rd year-JS, PG-TC)	Jainendra Shukla + Tanmoy Chakraborty	4	ML	CSAI-Core	Rest students	
25	CSE643	Artificial Intelligence	C. Anantaram	4	AI	CSAI-Core	Rest students	
26	ECE511/CSE511	Computer Architecture	Sujay Deb	4	CA	CSAI-Special Elective	Rest students	
27	MTH340/MTH540	Real Analysis II	Satish Kumar Pandey	4	RA-II	CSAM-Special Elective	Rest students	
28	MTH371	Stochastic Processes and Applications	Monika Arora	4	SPA	CSAM-Core	Rest UG students	
29	MTH373/MTH573	Scientific computing	Kaushik Kalyanaraman	4	SC	CSAM-Special Elective	Rest students	
Electives								
30	BIO511	Cell Biology and Biochemistry	Sriram K	4	CBB	UG/PG(M.Tech CB Ist year core)		
31	BIO512	Foundations of Modern Biology	Vibhor Kumar	4	FOMB	UG/PG(M.Tech CB Ist year core)		
32	BIO532	Network Biology	Ganesh Bagler	4	NB	UG/PG		
33	BIO542	Machine Learning for Biomedical Applications	G.P.S. Raghava	4	MLBA	UG/PG		
34	BIO544	Computational Gastronomy	Ganesh Bagler	4	CGAS	UG/PG		
35	BIO546/CSE585	Computing for Medicine	Tavpritesh Sethi	4	CM	UG/PG		
36	BIO524	Biomedical Image Processing(New)	Vibhor Kumar	4	BIP	UG/PG		
37	CSE319/CSE519	Modern Algorithm Design	Syamantak Das	4	MAD	UG/PG		
38	CSE333/CSE533	Computer Graphics	Ojaswa Sharma	4	CG	UG/PG		
39	CSE340/CSE540/ ECE350	Digital Image Processing (UG-AVS,PG-AM)	A V Subramanyam + Angshul Majumdar	4	DIP	UG/PG		
40	CSE345/CSE545	Foundations of Computer Security	Arun Balaji Buduru	4	FCS	UG/PG		
41	CSE350/CSE550	Network Security	B N Jain	4	NS	UG/PG		
42	CSE503	Program Analysis	Rahul Purandare	4	PA	UG/PG		
43	CSE506	Data Mining	Vikram Goyal	4	DMG	UG/PG		
44	CSE525	Introduction to Graduate Algorithms	Debajyoti Bera	4	GA	PG		
45	CSE528	Introduction to Blockchain and Crypto Currency	Donghoon Chang	4	IBC	UG/PG		
46	CSE530	Distributed Systems: Concepts and Design	Pushpendra Singh	4	DSCD	UG/PG		
47	CSE546	Applied Cryptography	Subhabrata Samajder	4	AC	UG/PG		
48	CSE556	Natural Language Processing	Md. Shad Akhtar	4	NLP	UG/PG		
49	CSE556	Speech and Audio Processing (New)	Vinayak Abrol	4	SAP	UG/PG		
50	CSE600A/ECE600A	Object Oriented Programming and Design	Bapi Chatterjee	2	OOPD	PG		

51	CSE642	Advanced Machine Learning	Saket Anand	4	AML	UG/PG		APRML
52	CSE656	Information Integration and Applications	Mukesh Mohania	4	IIA	UG/PG		
53	CSE701	Topics in Software Engineering: AI in SE (New)	Pankaj Jalote	4	TSE	PG		
54	DES302	Introduction to Animation and Graphics (New)	Anoop Ratn(V)	4	IAG	UG		Animation & Graphics
55	DES509	Design Futures (New)	Grace Eden	4	DF	UG/PG		
56	DES513	Wearable Applications, Research, Devices, Interactions	Aman Parnami	4	WARDI	UG/PG		
57	DES514	Digital Audio & Video Production Workflow (New)	Aman Samuel(G)	4	DAVP	UG/PG		Digital Audio
58	DES516	Introduction to 3D Production Design for Animation and Games	Anoop Ratn(V)	4	I3D	UG/PG		
59	DES522	Inclusive Design, Universal Design & Accessibility(New)	Richa Gupta	4	IDUDA	UG/PG		
60	ECE314/ECE514	Digital VLSI Design	Anuj Grover	4	DVD	UG/PG		
61	ECE315/ECE515	Analog CMOS Design	G.S. Visweswaran(V)	4	CMOS	UG/PG		
62	ECE318/ECE518	Solid State Devices	G.S. VisweswaranV)	4	SSD	UG/PG		
63	ECE321/ECE521	RF Circuit Design	M S Hashmi	4	RFCD	UG/PG		
64	ECE340	Digital Communication Systems	Gourab Ghatak	4	DCS	UG		
65	ECE351	Digital Signal Processing	S.S. Jamuar(V)	4	DSP	UG		
66	ECE501	Probability and Random Processes	Anubha Gupta	4	PRP	UG/PG		
67	ECE517	Introduction to Nanoelectronics	Sneh Saurabh	4	INE	UG/PG		
68	ECE522	Integrated Circuit Fabrication	S.S. Jamuar(V)	4	ICF	UG/PG		
69	ECE524	Quantum Materials and Devices(New)	Ram Krishna Ghosh	4	QMD	UG/PG		
70	ECE532	Optical Fiber Networks for Industry 4.0(New)	Abhijit Mitra(V)	4	OFNI	UG/PG		Next Generation Optical Networks
71	ECE539	Wireless System Implementation	Vivek Ashok Bohara	4	WSI	UG/PG		
72	ECE545	Photonics: Fundamentals and Applications	Sayak Bhattacharya	4	Pho	UG/PG		
73	ECE551/CSE515	Bayesian Machine Learning	Ranjitha P	4	BML	UG/PG		
74	ECE564/CSE564	Reinforcement Learning	Sanjit Kaul	4	RL	UG/PG		
75	ECE570	Linear Systems Theory(New)	Sanat K Biswas	4	LST	UG/PG		Control Theory
76	ECE560	Data Processing and Management (New)	Pravesh Biyani	4	DPM	UG/PG		Advanced Programming
77	ECE546	Optical and Wireless Convergence for Beyond 5G Networks and IoT (New)	Anand Srivastava	4	OWC	UG/PG		
78	ECO301	Microeconomics	Souvik Dutta	4	ME	UG		ECO101
79	ECO311/ECO511	Game Theory	Kiriti Kanjilal	4	GMT	UG/PG		ECO304
80	ECO322/ECO522	Econometrics II	Gaurav Arora	4	EcoII	UG/PG		
81	ECO331	Foundations of Finance	Pankaj Vajpayee	4	FF	UG		FIN401
82	ECO341/ECO541	Markov Decision Processes (New)	Rakesh Chaturvedi	4	MDP	UG/PG		
83	ENT411	Entrepreneurial Communication	Payel Mukherjee(V)	4	EC	UG		
84	ENT412	Entrepreneurial Khichadi	Anupam Saronwala(V)	4	EK	UG		
85	MTH341/MTH541	Complex Analysis	Ashish Kumar Pandey	4	CmpA	UG/PG		
86	MTH518	Topics in Number Theory	Anuradha Sharma	4	TNT	UG/PG		
87	MTH545	Finite and Spectral Element Methods	Subhashree Mohapatra	4	FSEM	UG/PG		
88	MTH562A	Point Set Topology	Samaresh Chaterji(V)	4	PST	UG/PG		
89	MTH571	Integral Transforms and their Applications	Sarthok Sircar	4	ITA	UG/PG		
90	PSY307	Neuroscience of Decision Making	Mrinmoy Chakrabarty	4	NDM	UG		
91	PSY308	Cognition of Motor Movement	Sonia Baloni Ray	4	CMM	UG		
92	SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP	UG		
93	SOC311/SOC501	Advance Ethnographic Research Methods	Shireen Mirza	4	AERM	UG/PG		
94	SOC314/SOC512	Technology and the Future of Work (New)	Gayatri Nair	4	TFW	UG/PG		
95	SOC315/SOC511	Intersectionality Studies (New)	Smriti Singh	4	INST	UG/PG		
96	SSH322	Philosophy of Technology	Nishad Patnaik	4	PT	UG		
97	SSH323	New Media and Politics	Aasim Khan	4	NMP	UG		
98	SSH362/SSH562	Urban Space and Political Power	Praveen Priyadarshi	4	USPP	UG/PG		

Online Courses

1	CSE999A	Cloud Computing	Raghava Mutharaju	2	https://onlinecourses.nptel.ac.in/noc21_cs62/preview	
2	CSE999A2	Software Testing	Rahul Purandare	2	https://onlinecourses.nptel.ac.in/noc21_cs73/preview	
3	CSE999A3	Parameterized Algorithms	Debajyoti Bera	2	https://onlinecourses.nptel.ac.in/noc21_cs92/preview	

4	CSE999A4	Introduction to Internet of Things	Mukulika Maite	2	https://onlinecourses.nptel.ac.in/noc21_cs63/preview
5	ECE999A	C-Based VLSI Design	Sumit Darak	2	https://onlinecourses.nptel.ac.in/noc21_cs96/preview
6	MTH999B	Our Mathematical Senses	Satish Kumar Pandey	1	https://onlinecourses.nptel.ac.in/noc21_ma77/preview
7	MTH999A	Computational Computative Algebra	Satish Kumar Pandey	2	https://onlinecourses.nptel.ac.in/noc21_ma40/preview
8	ECE999A2	Introduction to Robotics	Sayan Basu Roy	2	Introduction to Robotics - https://onlinecourses.nptel.ac.in/noc21_de13/preview

B.Tech. 2nd Year - Monsoon Semester (AY2021-22)

Day	9-9:30	9:30-10	10-10:30	10:30-11	11-11:30	11:30-12	12-12:30	12:30-1	1-1:30	1:30-2	2-2:30	2:30-3	3-3:30	3:30-4	4-4:30	4:30-5	5-5:30	5:30-6	6-6:30
Mon		Lab RMSSD ~		NT ~ / CBB ~ / DPP ~			CTD ~			L U N C H		DM ~ / DS ~ / ELD ~ / GMB ~			DPP Practice / TA / SPP / KCES				
Tue		Tut AP All Groups ~		S&S ~ / RMSSD~			M-III ~ / RA-I ~					AP ~			OS ~ / Tut CTD ~				
Wed	Tut OS ~		NT~ / CBB ~ / DPP			CTD ~					Tut S&S ~ / DPP Practice / Tut NT ~		Seminar Slot ~ A007						
		Lab ELD ~																	
Thurs		Lab AP All Groups ~	Tut RA-I ~ / Tut M-III All Groups ~				M-III ~ / RA-I ~					DM ~ / DS ~ / ELD ~ / GMB ~			TA / SPP / KCES				
Fri		Lab GMB+CBB ~		S&S ~ / RMSSD~			Tut DM All Groups ~ / Tut DS ~					AP ~			OS ~ / Lab CTD ~				
Day	9-9:30	9:30-10	10-10:30	10:30-11	11-11:30	11:30-12	12-12:30	12:30-1	1-1:30	1:30-2	2-2:30	2:30-3	3-3:30	3:30-4	4-4:30	4:30-5	5-5:30	5:30-6	6-6:30

Duration of the Lectures will be 50 mins and 80 mins

Mandatory/ Elective	Course Code	Course Name	Instructor	Crdedits	Accronym
CSB Core	BIO211	Cell Biology and Biochemistry	Jaspreet Kaur Dhanjal	4	CBB
CSB Core	BIO214	Genetics and Molecular Biology	Gaurav Ahuja	4	GMB
CSE,CSAI,CSSS-Core, CSD-Maths	CSE121	Discrete Mathematics	Samrith Ram	4	DM
CSAI,CSSS,CSB,ECE-Core, CSE	MTH203	Math III	Shilpak Banerjee	4	M-III
CSAM-Core, CSE-Elective	MTH240	Real Analysis I	Debika Banerjee	4	RA-I
CSAM-Core	MTH210	Discrete Structures	Sankha S Basu	4	DS
CSE-Elective, CSAM-Special Elective	MTH211	Number Theory	Sneha Chaubey	4	NT
CSD-Core	DES201	Design Perspectives and Processes	Indrani De Parker(V)	4	DPP
ECE-Core	ECE215	Circuit Theory and Devices	Shobha Sundar Ram	4	CTD
ECE-Core	ECE270	Embedded Logic Design	Sumit J Darak	4	ELD
ECE,CSAI-Core, CSE-Elective, CSAM-Special Elective	ECE250	Signals & Systems	Tammam Tillo	4	S&S
CSE,CSAI,CSAM,CSD,CSSS,CSB-Core	CSE231	Operating Systems	Arani Bhattacharya + Sambuddho Chakravarty	4	OS
CSE,CSAI,CSD,CSSS,CSB-Core, CSAM-Special Elective	CSE201	Advanced Programming	Koteswar Rao Jerripothula + Vivek Kumar	4	AP
CSSS,CSD-Core	SSH201	Research Methods in Social Science and Design	Venkata Ratnadeep Suri	4	RMSSD
CSE,ECE,CSAM SSH Elective	SOC212	Key concepts in Economic Sociology	Amrit Srinivasan	4	KCES
CSE,ECE,CSAM SSH Elective	SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA
CSE,ECE,CSAM SSH Elective	SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP

Note: To have a better understanding about branch specific core and elective courses, students are requested to check their program specific regulations before registering the courses on ERP.

B.Tech. 3rd & 4th Year, M.Tech 1st & 2nd year, Ph.D - Monsoon Semester (AY 2021-22)

Day	9-9:30	9.30-10	10-10.30	10.30-11	11-11.30	11.30-12	12-12.30	12.30-1	1-1.30	1:30-2	2-2.30	2.30-3	3-3.30	3.30-4	4-4.30	4.30-5	5-5.30	5.30-6	6-6.30	6.30-7
Mon	BioP, CMP, AI, INE, ITA, USPP, OFNI, Lab RMSSD ~			FOMB, IDUDA, DCS, GMT, QMD, RL			OOPD, Tcom			L		CM, DMG, AC, Pho, DPM, FF, DAVP, SSD			NB, WSI, BML, MDP, SC, CN, AERM					
Tue	CGAS, WARDI, IIA, CMOS, OWC, RA-II, GA, PT, IBC			ABIN, CG, RMSSD, EcoII, TNT, ML(PG), DIP(UG)			MLBA, DSCD, PRP, CmpA, DF, EK, CISP			U		INST, NLP, CA, LST, FSEM, NDM, DSP, PST			BIP, FCS, TFW, AML, SPA, I3D, MAD; Tut RA-II	RFCD				
Wed	ML(UG), SAP, ICF, CMM, EC, IAG			BioP, CMP, AI, INE, ITA, USPP, OFNI			CBB, PA, DVD, ME, DIP(PG), NS, NMP			N		Tut GA; EEE			Seminar Slot					
Thurs	CGAS, WARDI, IIA, CMOS, OWC, RA-II, GA, PT, IBC			FOMB, IDUDA, DCS, GMT, QMD, RL			MLBA, DSCD, PRP, CmpA, DF, EK, CISP			C		CM, DMG, AC, Pho, DPM, FF, DAVP, SSD			NB, WSI, BML, MDP, SC, CN, AERM; TSE					
Fri	ML(UG), SAP, ICF, CMM, EC, IAG			ABIN, CG, RMSSD, EcoII, TNT, ML(PG), DIP(UG)			CBB, PA, DVD, ME, DIP(PG), NS, NMP			H		INST, NLP, CA, LST, FSEM, NDM, DSP			BIP, FCS, TFW, AML, RFCD, I3D, MAD, SPA	RFCD				
Day	9-9:30	9.30-10	10-10.30	10.30-11	11-11.30	11.30-12	12-12.30	12.30-1	1-1.30	1:30-2	2-2.30	2.30-3	3-3.30	3.30-4	4-4.30	4.30-5	5-5.30	5.30-6	6-6.30	6.30-7

Duration of the Lectures will be 50 mins and 80 mins

Course No.	Course Name	Instructor	Accronym	Credits	On offer for	Anti-req
BIO321	Algorithms in Bioinformatics	Debarka Sengupta	ABIN	4	CSB-Core, Rest UG	
BIO361	Biophysics	Arjun Ray	BioP	4	CSB-Core, Rest UG	
BIO511	Cell Biology and Biochemistry	Sriram K	CBB	4	UG/PG(M.Tech CB Ist year core)	
BIO512	Foundations of Modern Biology	Vibhor Kumar	FOMB	4	UG/PG(M.Tech CB Ist year core)	
BIO524	Biomedical Image Processing(New)	Vibhor Kumar	BIP	4	UG/PG	
BIO532	Network Biology	Ganesh Bagler	NB	4	UG/PG	
BIO542	Machine Learning for Biomedical Applications	G.P.S. Raghava	MLBA	4	UG/PG	
BIO544	Computational Gastronomy	Ganesh Bagler	CGAS	4	UG/PG	
BIO546/CSE585	Computing for Medicine	Tavpritesh Sethi	CM	4	UG/PG	
COM301	Technical Communication	Payel Mukherjee(V)	Tcom	2	Core for all UG programs	

Course Code	Course Name	Instructor	Abbr	Credits	Program	Extra
CSE232	Computer Networks	Mukulika Maity + Rinku Shah	CN	4	CSE,CSD-Core, CSAI-Special Elective	
CSE301/CSE601	Compilers	Piyus Kedia	CMP	4	CSAI-Special Elective, Rest	
CSE319/CSE519	Modern Algorithm Design	Syamantak Das	MAD	4	UG/PG	
CSE333/CSE533	Computer Graphics	Ojaswa Sharma	CG	4	UG/PG	
CSE340/CSE540/ ECE350	Digital Image Processing (UG-AVS,PG-AM)	A V Subramanyam + Angshul Majumdar	DIP	4	UG/PG	
CSE345/CSE545	Foundations of Computer Security	Arun Balaji Buduru	FCS	4	UG/PG	
CSE350/CSE550	Network Security	B N Jain	NS	4	UG/PG	
CSE503	Program Analysis	Rahul Purandare	PA	4	UG/PG	
CSE506	Data Mining	Vikram Goyal	DMG	4	UG/PG	
CSE525	Introduction to Graduate Algorithms	Debajyoti Bera	GA	4	PG	
CSE528	Introduction to Blockchain and Crypto Currency	Donghoon Chang	IBC	4	UG/PG	
CSE530	Distributed Systems: Concepts and Design	Pushpendra Singh	DSCD	4	UG/PG	
CSE343/CSE543/ECE363/ECE563	Machine Learning(UG-JS, PG-TC)	Jainendra Shukla + Tanmoy Chakraborty	ML	4	CSAI-Core, Rest	
CSE546	Applied Cryptography	Subhabrata Samajder	AC	4	UG/PG	
CSE556	Natural Language Processing	Md. Shad Akhtar	NLP	4	UG/PG	
CSE572/ECE561	Speech and Audio Processing (New)	Vinayak Abrol	SAP	4	UG/PG	
CSE600A/ECE600A	Object Oriented Programming and Design	Bapi Chatterjee	OOPD	2	PG	
CSE642	Advanced Machine Learning	Saket Anand	AML	4	UG/PG	APRML
CSE643	Artificial Intelligence	C. Anantaram	AI	4	CSAI-Core, Rest	
CSE656	Information Integration and Applications	Mukesh Mohania	IIA	4	UG/PG	
CSE701	Topics in Software Enginieering: AI in SE (New)	Pankaj Jalote	TSE	4	UG/PG	
DES302	Introduction to Animation and Graphics (New)	Anoop Ratn(V)	IAG	4	UG	Animation & Graphics
DES509	Design Futures (New)	Grace Eden	DF	4	UG/PG	
DES513	Wearable Applications, Research, Devices, Interactions	Aman Parnami	WARDI	4	UG/PG	
DES514	Digital Audio & Video Production Workflow (New)	Aman Samuel(G)	DAVP	4	UG/PG	Digital Audio
DES516	Introduction to 3D Production Design for Animation and Games	Anoop Ratn(V)	I3D	4	UG/PG	
DES522	Inclusive Design, Universal Design & Accessibility(New)	Richa Gupta	IDUDA	4	UG/PG	
ECE314/ECE514	Digital VLSI Design	Anuj Grover	DVD	4	UG/PG	
ECE315/ECE515	Analog CMOS Design	G.S. Visweswaran(V)	CMOS	4	UG/PG	
ECE318/ECE518	Solid State Devices	G.S. Visweswaran(V)	SSD	4	UG/PG	
ECE321/ECE521	RF Circuit Design	M S Hashmi	RFCD	4	UG/PG	
ECE340	Digital Communication Systems	Gourab Ghatak	DCS	4	UG	
ECE351	Digital Signal Processing	S.S. Jamuar(V)	DSP	4	UG	
ECE501	Probability and Random Processes	Anubha Gupta	PRP	4	UG/PG	
ECE511/CSE511	Computer Architecture	Sujay Deb	CA	4	CSAI-Special Elective, Rest	
ECE517	Introduction to Nanoelectronics	Sneh Saurabh	INE	4	UG/PG	
ECE522	Integrated Circuit Fabrication	S.S. Jamuar(V)	ICF	4	UG/PG	
ECE524	Quantum Material and Devices(New)	Ram Krishna Ghosh	QMD	4	UG/PG	
ECE532	Optical Fiber Networks for Industry 4.0(New)	Abhijit Mitra(V)	OFNI	4	UG/PG	
ECE539	Wireless System Implementation	Vivek Ashok Bohara	WSI	4	UG/PG	
ECE545	Photonics: Fundamentals and Applications	Sayak Bhattacharya	Pho	4	UG/PG	
ECE546	Optical and Wireless Convergence for Beyond 5G Networks and IoT (New)	Anand Srivastava	OWC	4	UG/PG	
ECE551/CSE515	Bayesian Machine Learning	Ranjitha P	BML	4	UG/PG	
ECE560	Data Processing and Management (New)	Pravesh Biyani	DPM	4	UG/PG	
ECE564/CSE564	Reinforcement Learning	Sanjit Kaul	RL	4	UG/PG	
ECE570	Linear Systems Theory(New)	Sanat K Biswas	LST	4	UG/PG	
ECO301	Microeconomics	Souvik Dutta	ME	4	UG	ECO101
ECO311/ECO511	Game Theory	Kiriti Kanjilal	GMT	4	UG/PG	ECO304

ECO322/ECO522	Econometrics II	Gaurav Arora	EcoII	4	UG/PG	
ECO331	Foundations of Finance	Pankaj Vajpayee	FF	4	UG	FIN401
ECO341/ECO541	Markov Decision Processes (New)	Rakesh Chaturvedi	MDP	4	UG/PG	
ENT411	Entrepreneurial Communication	Payel Mukherjee(V)	EC	4	UG	
ENT412	Entrepreneurial Khichadi	Anupam Saronwala (V)	EK	4	UG	
ESC207A	Ecology Evoulution and Environment	Atreyee Bhattacharya(G)	EEE	2	Core for all UG	EVS
MTH340/MTH540	Real Analysis II	Satish Kumar Pandey	RA-II	4	CSAM-Special Elective, Rest	
MTH341/MTH541	Complex Analysis	Ashish Kumar Pandey	CmpA	4	UG/PG	
MTH371	Stochastic Processes and Applications	Monika Arora	SPA	4	CSAM-Core, Rest UG	
MTH373/MTH573	Scientific computing	Kaushik Kalyanaraman	SC	4	CSAM-Special Elective, REst	
MTH518	Topics in Number Theory	Anuradha Sharma	TNT	4	UG/PG	
MTH545	Finite and Spectral Element Methods	Subhashree Mohapatra	FSEM	4	UG/PG	
MTH562A	Point Set Topology	Samaresh Chaterji(V)	PST	2	UG/PG	
MTH571	Integral Transforms and their Applications	Sarthok Sircar	ITA	4	UG/PG	
PSY307	Neuroscience of Decision Making	Mrinmoy Chakrabarty	NDM	4	UG	
PSY308	Cognition of Motor Movement	Sonia Baloni Ray	CMM	4	UG	
SOC202	Contemporary India: Sociological Perspective	Paro Mishra	CISP	4	UG	
SOC311/SOC501	Advance Ethnographic Research Methods	Shireen Mirza	AERM	4	UG/PG	
SOC314/SOC512	Technology and the Future of Work (New)	Gayatri Nair	TFW	4	UG/PG	
SOC315/SOC511	Intersectionality Studies (New)	Smriti Singh	INST	4	UG/PG	
SSH201	Research Methods in Social Science and Design	Venkata Ratnadeep Suri	RMSSD	4	UG	
SSH322	Philosophy of Technology	Nishad Patnaik	PT	4	UG	
SSH323	New Media and Politics	Aasim Khan	NMP	4	UG	
SSH362/SSH562	Urban Space and Political Power	Praveen Priyadarshi	USPP	4	UG/PG	

Note: To have a better understanding about branch specific core and elective courses, students are requested to check their program specific regulations before registering the courses on ERP.