

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	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 1st year core)		
31	BIO512	Foundations of Modern Biology	Vibhor Kumar	4	FOMB	UG/PG(M.Tech CB 1st 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	CSE546	Applied Cryptography	Subhabrata Samajder	4	AC	UG/PG		
47	CSE556	Natural Language Processing	Md. Shad Akhtar	4	NLP	UG/PG		
48	CSE572/ECE561	Speech and Audio Processing (New)	Vinayak Abrol	4	SAP	UG/PG		
49	CSE600A/ECE600A	Object Oriented Programming and Design	Bapi Chatterjee	2	OOPD	PG		
50	CSE642	Advanced Machine Learning	Saket Anand	4	AML	UG/PG		APRML

51	CSE656	Information Integration and Applications	Mukesh Mohania	4	IIA	UG/PG		
52	CSE701	Topics in Software Engineering: AI in SE (New)	Pankaj Jalote	4	TSE	PG		
53	DES302	Introduction to Animation and Graphics (New)	Anoop Ratn(V)	4	IAG	UG		Animation & Graphics
54	DES506	Advanced Topics in Human-Centered Computing	Pushpendra Singh	4	ATHCC	UG/PG		
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. Visweswaran(V)	4	SSD	UG/PG		
63	ECE321/ECE521	RF Circuit Design	M S Hashmi	4	RFGD	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)	Abjijit 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	Ecoll	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 Chatterji(V)	4	PST	UG/PG		
89	MTH571	Integral Transforms and their Applications	Sarthok Sircar	4	ITA	UG/PG		
90	PSY307	Neuroscience of Decision Making	Mrimoy 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	DES999A	Understanding Ethnography	Sadhvi Thukral	2	https://onlinecourses.nptel.ac.in/noc21_de17/preview
9	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				NT ~ CBB ~ DPP ~			CTD ~			L U N C H		DM ~ DS ~ ELD ~ GMB ~		DPP Practice TA SPP KCES						
		Lab RMSSD ~																		
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 ~	Seminar Slot ~ A007					
			Lab ELD ~										DPP Practice Tut NT ~							
Thurs					Tut RA-I ~			M-III ~ RA-I ~					DM ~ DS ~ ELD ~ GMB ~		TA SPP KCES					
			Lab AP All Groups ~		Tut M-III All Groups ~															
Fri			Lab GMB+CBB ~				Tut DM All Groups ~								OS ~ Lab CTD ~					
				S&S ~ RMSSD~			Tut DS ~					AP ~								
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																				

Duration of the Lectures will be 50 mins and 80 mins

Mandatory/ Elective	Course Code	Course Name	Instructor	Crcredits	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 Jerripathula + 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 U N C H		CM DMG AC Pho DPM FF DAVP SSD			NB WSI BML MDP SC CN AERM					
Tue	CGAS IIA CMOS OWC RA-II GA PT IBC	WARDI		ABIN CG RMSSD EcoII TNT ML(PG) DIP(UG)			MLBA ATHCC PRP CmpA DF EK CISP				INST NLP CA LST FSEM NDM DSP			BIP FCS TFW AML SPA I3D MAD	RFCD					
Wed	ML(UG) SAP ICF CMM EC IAG			BioP CMP AI INE ITA USPP OFNI			CBB PA DVD ME DIP(PG) NS NMP								Seminar Slot					
Thurs	CGAS IIA CMOS OWC RA-II GA PT IBC	WARDI		FOMB IDUDA DCS GMT QMD RL			MLBA ATHCC PRP CmpA DF EK CISP						CM DMG AC Pho DPM FF DAVP SSD			NB WSI BML MDP SC CN AERM				
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						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
Duration of the Lectures will be 50 mins and 80 mins																				

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Duration of the Lectures will be 50 mins and 80 mins

Course No.	Course Name	Instructor	Acronym	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 1st year core)	
BIO512	Foundations of Modern Biology	Vibhor Kumar	FOMB	4	UG/PG(M.Tech CB 1st 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	Tavprites Sethi	CM	4	UG/PG	
COM301	Technical Communication	Payel Mukherjee(V)	Tcom	2	Core for all UG programs	

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	
CSE343/CSE543/ECE3 63/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 Engineering: 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
DES506	Advanced Topics in Human-Centered Computing	Pushpendra Singh	ATHCC	4	UG/PG	
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	EcolI	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 Evolution 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	Samresh Chatterji(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.