

### Course Offering Monsoon Semester 2020

Course_Code	Title	Instructor	Credits	Acronym	Open For	Also open for	Antirequisite Courses
<b>UG IInd Year Core Courses</b>							
CSE121	Discrete Mathematics	Samrith Ram	4	DM	CSE,CSSS-Core, CSD-Maths Elective		
CSE201	Advanced Programming	Vivek Kumar + Raghava Mutharaju	4	AP	CSE,CSD,CSSS,CSB,CSAI-Core, ECE-Elective,CSAM-Special Elective		
CSE231	Operating Systems	Sambuddho Chakravarty + Arani Bhattacharya	4	OS	CSE,CSD,CSSS,CSAM,CSB,CSAI-Core		
MTH203	Maths III	Sarthok Sircar	4	M-III	ECE,CSD,CSB,CSSS,CSAI-Core, CSE-Elective		RA-I
ECE250	Signals & Systems	Pravesh Biyani	4	S&S	ECE,CSAI-Core, CSE-Elective, CSAM-Special Elective		
ECE270	Embedded Logic Design	Sumit J Darak	4	ELD	ECE-Core		
ECE215	Circuit Theory and Devices	Shobha Sundar Ram	4	CTD	ECE-Core		
MTH240	Real Analysis I	Debika Banerjee	4	RA-I	CSAM-Core, CSE-Elective		Maths III
MTH210	Discrete Structures	Sankha Basu	4	DS	CSAM-Core		
MTH211	Number Theory	Sneha Chaubey	4	NT	CSE-Elective,CSAM-Special Elective		
DES202	Visual Design and Communication	Indrani De Parker(V)	4	VDC	CSD-Core		
DES201	Design Processes and Perspectives	Indrani De Parker(V)	4	DPP	CSD-Core		
SSH201	Research Methods in Social Science and Design	Venkata Ratnadeep Suri	4	RMSSD	CSSS-Core	CSD-3rd Yr Core	
BIO211	Cell Biology and Biochemistry	Arjun Ray	4	CBB	CSB-Core		
BIO214	Genetics and Molecular Biology	Gaurav Ahuja	4	GMB	CSB-Core		
<b>UG IIIrd Year Core &amp; Special Electives</b>							
BIO321	Algorithms in Bioinformatics(New)	Debarka Sengupta	4	ABIN	CSB-Core	Rest Students	
BIO361	Biophysics (New)	Arjun Ray	4	Bphy	CSB-Core	Rest Students	
CSE232	Computer Networks	Mukulika Maity	4	CN	CSE,CSSS,CSD-Core	Rest Students	
COM301A	Technical Communication	Payel C Mukherjee(V)	2	Tcom	CSE,ECE,CSAM,CSD,CSSS,CSB-Core	Rest Students	
DES519	Design of Interactive Systems	Aman Parnami	4	DIS	CSD-Core	Rest Students	
ECE340	Digital Communication Systems	Gourab Ghatak	4	DCS	ECE-Elective	Rest Students	
ESC207A	Ecology Evolution and Environment	Swapna Purandare(V)	2	EEE	CSE,ECE,CSAM,CSD,CSSS,CSB-Core	Rest Students	EVS
MTH340/MTH540	Real Analysis II	Shilpak Banerjee	4	RA-II	CSAM-Special Elective	Rest Students	
MTH371	Stochastic Processes and Applications	Monika Arora	4	SPA	CSAM-Core	Rest Students	
MTH373/MTH573	Scientific Computing	Kaushik Kalyanaraman	4	SCMP	CSAM-Special Elective	Rest Students	Numerical Methods
<b>Elective Courses</b>							
BIO511	Cell Biology and Biochemistry	Sriram K	4	CBAB	UG/PG(M.Tech CB 1st Year Core)		
BIO512	Foundations of Modern Biology	Vibhor Kumar	4	FOMB	UG/PG(M.Tech CB 1st Year Core)		BIO601
BIO532	Network Biology	Ganesh Bagler	4	NB	UG/PG		
BIO542	Machine Learning for Biomedical Applications	GPS Raghava	4	MLBA	UG/PG		
BIO544	Computational Gastronomy	Ganesh Bagler	4	CGAS	UG/PG		
BIO546/CSE585	Computing for Medicine(New)	Tavpritesh Sethi+Ponnuram Kumarguru	4	CFM	UG/PG		
BIO571/ENT421	Healthcare Innovation and Entrepreneurship Essentials(New)	Tavpritesh Sethi	2	HIEE	UG/PG		
CSE301/CSE601	Compilers	Piyus Kedia	4	CMP	UG/PG		
CSE319/CSE519	Modern Algorithm Design	Syamantak Das	4	MAD	UG/PG		
CSE333/CSE533	Computer Graphics	Ojaswa Sharma	4	CG	UG/PG		
CSE340/CSE540/ ECE350	Digital Image Processing	A V Subramanyam(ECE350+CSE340) + Angshul Majumdar(CSE540)	4	DIP	UG/PG		
CSE343/CSE543/ECE3xx ECE563	Machine Learning	Sec A-Jainendra Shukla Sec B- Tanmoy Chakraborty	4	ML	Sec A- UG CSE+CSD+CSB+CSSS Sec B- PG and UG CSAM+ECE		
CSE345/CSE545	Foundations of Computer Security	Ponnuram Kumaraguru	4	FCS	UG/PG		
CSE350/CSE550	Network Security	B N Jain(V)	4	NS	UG/PG		
CSE506	Data Mining	Vikram Goyal	4	DMG	UG/PG		
CSE511/ECE511	Computer Architecture	Sujay Deb	4	CA	UG/PG		
CSE523	Randomized Algorithms	Rajiv Raman	4	RA	UG/PG		
CSE525	Introduction to Graduate Algorithms	Debajyoti Bera	4	IGA	PG		
CSE546	Applied Cryptography	Subhabrata Samajder	4	AC	UG/PG		
CSE556	Natural Language Processing	Md. Shad Akhtar	4	NLP	UG/PG		
CSE562	Advanced Computer Vision	Koteswar Rao Jerripothula	4	ACV	UG/PG		
CSE564/ECE564	Reinforcement Learning	Sanjit Krishnan Kaul	4	RL	UG/PG		
CSE583	Software Development using Open Source(New)	Pankaj Jalote	4	SDOS	UG/PG		
CSE584	Program Verification(New)	Rahul Purandare	4	PV	UG/PG		
CSE600A/ECE600A	Object Oriented Programing and Design	Naveen Prakash(V)	2	OOPD	PG		
CSE606A	Data Lifecycle Management(New)	Sameep Mehta(G)+Hima Patel(G)	2	DLM	UG/PG		
CSE642	Advanced Machine Learning	Saket Anand	4	AML	UG/PG		APRML
CSE643	Artificial Intelligence	C. Anantram	4	AI	UG/PG		
CSE656	Information Integration and Applications(New)	Mukesh Mohania	4	IIA	UG/PG		

Course_Code	Title	Instructor	Credits	Acronym	Open For	Also open for	Antirequisite Courses
CSE621	Complexity Theory	Ashutosh Rai	4	CTH	UG/PG		
CSE651	Topics in Adaptive Cybersecurity	Arun Balaji Buduru	4	TACS	UG/PG		
CSE734	Advanced Topics in Mobile Computing	Pushpendra Singh	4	ATMC	PG		
DES303	Film Making and Radio Podcasting	Manohar Khushlani(V)	4	FMRP	UG/PG		
DES514	Digital Audio	Aman Samuel(G)	4	DA	UG/PG		
DES518	Introduction to Motion Graphics	Anoop Ratn(V)	4	IMG	UG/PG		
DES516	Introduction to 3D Production Design for Animation and Games	Anoop Ratn(V)	4	I3DD	UG/PG		DES302
DES5xx	Fundamentals of Audio for Engineers (New)	Angshu Das	4	FAE	UG/PG		
ECO101	Microeconomics	Souvik Dutta	4	Meco	UG		
ECO201	Macroeconomics	Kiriti Kanjilal	4	MAEco	UG		
ECO311	Game Theory	Rakesh Chaturvedi	4	GMT	UG/PG		ECO304
ECO322/ECO522	Econometrics II (New)	Gaurav Arora	4	Ecoll	UG/PG		
ECO331	Foundations of Finance	Pankaj Vajpayee	4	FF	UG/PG		FIN401
ECE314/ECE514	Digital VLSI Design	Anuj Grover	4	DVD	UG/PG		
ECE315/ECE515	Analog CMOS Circuit Design	G S Visweswaran(V)	4	CMOS	UG/PG		
ECE318/ECE518	Solid State Devices	G S Visweswaran(V)	4	SSD	UG/PG		
ECE501	Probability & Random Process	Anubha Gupta	4	PRP	UG/PG		
ECE539	Wireless System Implementation	Vivek Bohara	4	WSI	UG/PG		
ECE543	Principals of Digital Communication System	Anand Srivastava	4	PDCS	UG/PG		
ECE570	Control Theory	Sanat K Biswas	4	CNT	UG/PG		
ECE670/CSE633	Robotics	Sayan Basu Roy	4	Rob	UG/PG		
ECE321/ECE521	RF Circuit Design	M S Hashmi	4	RFCD	UG/PG		
ECE517	Introduction to Nanoelectronics	Sneh Saurabh	4	INE	UG/PG		
ECE522	Integrated Circuit Fabrication(New)	S S Jamuar	4	ICF	UG/PG		
ECE545	Photonics: Fundamentals & Applications(New)	Sayak Bhattacharya	4	Pho	UG/PG		
ECE551/CSE5BML	Bayesian Machine Learning(New)	Ranjitha P	4	BML	UG/PG		
ECE520	Low Voltage Analog Circuit Design	S S Jamuar	4	LVACD	UG/PG		
ENT411	Entrepreneurial Communication (New)	Payel C Mukherjee(V)	4	EC	UG/PG		
ENT412	Entrepreneurial Khichadi (New)	Anupam Saronwala(V)	4	EK	UG/PG		
MTH518	Topics in Number Theory (New)	Anuradha Sharma	4	TNT	UG/PG		
MTH541	Complex Analysis	Ashish Kumar Pandey	4	CMPA	UG/PG		
MTH545	Finite and Spectral Element Methods (New)	Subhashree Mohapatra	4	FSEM	UG/PG		
MTH562A	Point Set Topology (New)	Samaresh Chatterji(V)	2	PST	UG/PG		MTH562
PSY307	Neuroscience of Decision Making (New)	Mrinmoy Chakrabarty	4	NDM	UG/PG		
PSY308	Cognition of Motor Movement (New)	Sonia Baloni Ray	4	CMM	UG/PG		
SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP	UG		
SOC209	Consumer Culture and Society	Amrit Srinivasan(V)	4	CCS	UG		
SOC212	Key Concepts in Economic Sociology	Gayatri Nair	4	KCES	UG		
SOC311/SOC501	Advance Ethnographic Research Methods(New)	Shireen Mirza	4	AERM	UG/PG		
SOC308	Gender and Media	Smriti Singh	4	GM	UG/PG		
SSH121	Introduction to Philosophy	Shweta Singh(L)	4	IPHI	UG		
SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA	UG		HSS211
SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP	UG		
SSH300	Theories of Ethics (New)	Nishad Patnaik	4	TE	UG		
SSH223	Perspectives of Knowledge	Shweta Singh(L)		PoK	UG		
SSH362	Urban Space and Political Power (New)	Praveen Priyadarshi	4	USPP	UG/PG		
SSH323	New Media and Politics (New)	Aasim Khan	4	NMP	UG/PG		
Online Courses							
Course No.	Course Name	Instructor	Credits	Course Link		Remarks	
CSE999A	Introduction To Haskell Programming	Gourab Ghatak	2	<a href="https://swayam.gov.in/nd1_noc20_cs79/preview">https://swayam.gov.in/nd1_noc20_cs79/preview</a>		1. For these courses, registration on SWAYAM portal and appearing for exams conducted by SWAYAM is compulsory. 2. PG students can take these courses only as Independent Study	
DES999A	System design for sustainability		3	<a href="https://swayam.gov.in/nd1_noc20_de07/preview">https://swayam.gov.in/nd1_noc20_de07/preview</a>			
ECE999A	Applied Optimization for Wireless, Machine Learning, Big Data			<a href="https://swayam.gov.in/nd1_noc20_ee59/preview">https://swayam.gov.in/nd1_noc20_ee59/preview</a>			
ECO999A	Managerial Economics		2	<a href="https://swayam.gov.in/nd1_noc20_mg67/preview">https://swayam.gov.in/nd1_noc20_mg67/preview</a>			
MGT999A	Principles of Management		2	<a href="https://swayam.gov.in/nd1_noc20_mg58/preview">https://swayam.gov.in/nd1_noc20_mg58/preview</a>			
SSH999A	Body Language : Key to professional Success		2	<a href="https://swayam.gov.in/nd1_noc20_hs71/preview">https://swayam.gov.in/nd1_noc20_hs71/preview</a>			

B.Tech. 2nd Year (CSE) - Monsoon Semester 2020																		
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
Mon	NT ~			FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			S&S ~			L U N C H						OS ~ C01		
Tue			Tut AP All Groups ~	SPP ~ CISP ~ IPHI ~ TA ~ Meco ~ CCS ~ GMT ~			M-III ~ RA-I ~						AP ~ C102			DM ~		
Wed	NT ~						S&S ~								Tut S&S ~	Seminar Slot ~ A007		
				Tut DM Gp 1/2/3/4 ~									Tut NT ~					
Thurs	Tut OS ~			FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			M-III ~ RA-I ~			DM ~			OS ~ C01					
Fri			Tut RA-I ~	SPP ~ CISP ~ IPHI ~ TA ~ Meco ~ CCS ~ GMT ~			Lab AP All Groups ~						AP ~ C102					
	Tut M-III All Groups ~					Tut DM Gp 5/6 ~												
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
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	Crredits	Accronym
Mandatory	CSE121	Discrete Mathematics	Smarith Ram	4	DM
Mandatory	CSE201	Advanced Programming	Vivek Kumar	4	AP
Mandatory	CSE231	Operating Systems	Sambuddho Chakravarty	4	OS
Elective	MTH203	Math-III	Sarthok Sircar	4	M-III
SSH Elective	ECO101	Microeconomics	Souvik Dutta	4	Meco
SSH Elective	ECO201	Macroeconomics	Kiriti Kanjilal	4	MAEco
SSH Elective	ECO311	Game Theory	Rakesh Chaturvedi	4	GMT
SSH Elective	ECO331	Foundations of Finance	Pankaj Vajpayee	4	FF
Elective	ECE250	Signal & Systems	Pravesh Biyani	4	S&S
Elective	MTH240	Real Analysis I	Debika Banerjee	4	RA-I
Elective	MTH211	Number Theory	Sneha Chaubey	4	NT
SSH Elective	SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP
SSH Elective	SOC209	Consumer Culture and Society	Amrit Srinivasan(V)	4	CCS
SSH Elective	SOC212	Key Concepts in Economic Sociology	Gayatri Nair	4	KCES
SSH Elective	SSH121	Introduction to Philosophy	Shweta Singh(L)	4	IPHI
SSH Elective	SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA
SSH Elective	SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP
SSH Elective	SSH223	Perspectives of Knowledge	Shweta Singh(L)	4	Pok
SSH Elective	SSH323	New Media and Politics (New)	Aasim Khan	4	NMP

# B.Tech. 2nd Year (CSAM) - Monsoon Semester 2020

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
Mon	NT ~			FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			S&S ~			AI			DS ~ C11			OS ~ C01		
Tue				SPP ~ CISP ~ CCS~ TA ~ Meco ~ IPHI ~ GMT ~			RA-I ~						AP ~ C102			Tut OS ~		
Wed	NT ~						S&S ~						Tut S&S ~		Seminar Slot ~			
													Tut NT ~					
Thurs				FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			RA-I ~						DS ~ C11			OS ~ C01		
Fri	Tut RA-I ~			SPP ~ CISP ~ CCS~ TA ~ Meco ~ IPHI ~ GMT ~			Tut DS All Groups ~						AP ~ C102			Lab AP ~		

Duration of the Lectures will be 50 mins and 80 mins

Mandatory/ Elective	Course Code	Course Name	Instructor	Crredits	Accronym
Special Elective-I	CSE201	Advanced Programming	Raghava Mutharaju	4	AP
Mandatory	CSE231	Operating Systems	Arani Bhattacharya	4	OS
Special Elective-I	ECE250	Signal & Systems	Pravesh Biyani	4	S&S
SSH Elective	ECO101	Microeconomics	Souvik Dutta	4	Meco
SSH Elective	ECO201	Macroeconomics	Kiriti Kanjilal	4	MAEco
SSH Elective	ECO311	Game Theory	Rakesh Chathurvedi	4	GMT
SSH Elective	ECO331	Foundations of Finance	Pankaj Vajpayee	4	FF
Mandatory	MTH210	Discrete Structures	Sankha Basu	4	DS
Mandatory	MTH240	Real Analysis I	Debika Banerjee	4	RA-I
Special Elective-I	MTH211	Number Theory	Sneha Chaubey	4	NT
SSH Elective	SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP
SSH Elective	SOC209	Consumer Culture and Society	Amrit Srinivasan(V)	4	CCS
SSH Elective	SOC212	Key Concepts in Economic Sociology	Gayatri Nair	4	KCES
SSH Elective	SSH121	Introduction to Philosophy	Shweta Singh(L)	4	IPHI
SSH Elective	SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA
SSH Elective	SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP
SSH Elective	SSH223	Perspectives of Knowledge	Shweta Singh(L)	4	Pok
SSH Elective	SSH323	New Media and Politics (New)	Aasim Khan	4	NMP

## B.Tech. 2nd Year (ECE) - Monsoon Semester 2020

Day	8:30-9	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	2-02.30	2.30-3	3-3.30	3.30-4	4-4.30	4.30-5	5-5.30
Mon			CTD ~ C21		FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			S&S ~ C21					Lab ELD Gp1/2 ~ 304,305					
Tue			ELD ~		SPP ~ CISP ~ CCS ~ TA ~ Meco ~ IPHI ~ GMT ~			M-III ~					AP ~					
Wed			Lab CTD Gp 1/2/3 ~					S&S ~ C21					Tut M-III All Groups ~			Seminar Slot ~		
Thurs			CTD ~ C21		FF ~ KCES ~ MAEco ~ PoK ~ NMP ~			M-III ~					Tut CTD Gp1/2/3 ~ C03			Tut AP All Groups ~		
Fri			ELD ~		SPP ~ CISP ~ CCS ~ TA ~ Meco ~ IPHI ~ GMT ~								AP ~			Lab AP ~		
								Tut S&S Gp 1/2/3 ~										
Day	8:30-9	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	2-02.30	2.30-3	3-3.30	3.30-4	4-4.30	4.30-5	5-5.30

Duration of the Lectures will be 50 mins and 80 mins

	Mandatory/ Elective	Course Code	Course Name	Instructor	Credits	Accronym
	Elective	CSE201	Advanced Programming	Raghava Mutharaju	4	AP
	SSH Elective	ECO101	Microeconomics	Souvik Dutta	4	Meco
	SSH Elective	ECO201	Macroeconomics	Kiriti Kanjilal	4	MAEco
	SSH Elective	ECO311	Game Theory	Rakesh Chathurvedi	4	GMT
	SSH Elective	ECO331	Foundations of Finance	Pankaj Vajpayee(V)	4	FF
	Mandatory	ECE250	Signal & Systems	Pravesh Biyani	4	S&S
	Mandatory	ECE215	Circuit Theory and Devices	Shobha Sundar Ram	4	CTD
	Mandatory	ECE270	Embedded Logic Design	Sumit Darak	4	ELD
	Mandatory	MTH203	Math-III	Sarthok Sircar	4	M-III
	SSH Elective	SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP
	SSH Elective	SOC209	Consumer Culture and Society	Amrit Srinivasan(V)	4	CCS
	SSH Elective	SOC212	Key Concepts in Economic Sociology	Gayatri Nair	4	KCES
	SSH Elective	SSH121	Introduction to Philosophy	Shweta Singh(L)	4	IPHI
	SSH Elective	SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA
	SSH Elective	SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP
	SSH Elective	SSH223	Perspectives of Knowledge	Shweta Singh(L)	4	Pok
	SSH Elective	SSH323	New Media and Politics (New)	Aasim Khan	4	NMP

B.Tech. 2nd Year (CSD) - Monsoon Semester 2020																	
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	5:30-6
Mon	VDC ~ A106			DPP ~ A106			VDC Practice ~ A106			L U N C H		DPP Practice ~ A106			OS ~		
Tue		Tut AP All Groups ~					M-III ~					AP ~			DM ~		
				Tut DM Gp 1/2 ~													
Wed	DPP ~ A106			VDC ~ A106			DPP Practice ~ A106					VDC Practice ~ A106			Seminar Slot ~		
Thurs	Tut OS ~						M-III ~					DM ~			OS ~		
Fri	Tut M-III All Groups ~									Lab AP II Groups ~							
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	5:30-6
Duration of the Lectures will be 50 mins and 80 mins																	

Mandatory/ Elective	Course Code	Course Name	Instructor	Credits	Acronym
Mandatory	CSE201	Advanced Programming	Vivek Kumar	4	AP
Mandatory	CSE231	Operating Systems	Sambuddho Chakravarty	4	OS
Mandatory	DES201	Design Processes and Perspectives	Indrani De Parker(V)	4	DPP
Mandatory	DES202	Visual Design and Communication	Indrani De Parker(V)	4	VDC
Maths Elective	CSE121	Discrete Mathematics	Samrith Ram	4	DM
Maths Elective	MTH203	Math-III	Sarthok Sircar	4	M-III

B.Tech. 2nd Year (CSSS) - Monsoon Semester 2020																						
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					
Mon				Tut M-III ~						L U N C H		Tut OS ~		OS ~								
Tue												M-III ~			AP ~		DM ~					
Wed												Tut DM ~			RMSSD ~					Seminar Slot ~		
Thurs												Tut AP All Groups ~			M-III ~			DM ~		OS ~		
Fri															Tut DM ~			RMSSD ~			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					
Duration of the Lectures will be 50 mins and 80 mins																						

Mandatory/ Elective	Course Code	Course Name	Instructor	Crredits	Accronym
Mandatory	CSE121	Discrete Mathematics	Samrith Ram	4	DM
Mandatory	CSE201	Advanced Programming	Raghava Mutharaju	4	AP
Mandatory	CSE231	Operating Systems	Arani Bhattacharya	4	OS
Mandatory	MTH203	Maths III	Sarthok Sircar	4	M-III
Mandatory	SSH201	Research Methods in Social Sciences and Design	Venkata Ratandeeep Suri	4	RMSSD

B.Tech. 2nd Year (CSB) - Monsoon Semester 2020																				
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			
Mon				Tut M-III ~			GMB ~			L U N C H			CBB ~			OS ~				
Tue							M-III ~						AP ~			Tut OS ~				
Wed							GMB ~									Seminar Slot ~				
Thurs							Tut AP All Groups ~						M-III ~			CBB ~			OS ~	
Fri							Lab GMB+CBB 318									AP ~			Lab AP ~	
Day	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			
Duration of the Lectures will be 50 mins and 80 mins																				

Mandatory/ Elective	Course Code	Course Name	Instructor	Crcredits	Accronym
Mandatory	BIO211	Cell Biology and Biochemistry	Arjun Ray	4	CBB
Mandatory	BIO214	Genetics and Molecular Biology	Gaurav Ahuja	4	GMB
Mandatory	CSE201	Advanced Programming	Raghava Mutharaju	4	AP
Mandatory	CSE231	Operating Systems	Arani Bhattacharya	4	OS
Mandatory	MTH203	Maths III	Sarthok Sircar	4	M-III



B.Tech. 2nd Year (CSAI) - Monsoon Semester 2020																	
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
Mon				Tut M-III ~			S&S ~			L U N C H		DM ~			OS ~		
Tue							M-III ~					AP ~			Tut OS ~		
Wed							S&S ~								Seminar Slot ~		
Thurs							M-III ~					DM ~			OS ~		
Fri												AP ~			Lab AP All Groups ~		
							Tut DM Gp 1/2/3/4 ~										

# B.Tech. 3rd & 4th Year, M.Tech 1st & 2nd year, Ph.D - Monsoon Semester 2020

Day	8:30-9	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
Mon		AI CMP Bphy TACS USPP INE FMRP			MAEco DIS Pho FF KCES PoK NMP DMG			Tcom OOPD					PRP MLBA I3D CMPA ATMC			ML ICF CMM FAE PST			
Tue		DIP ABIN Rob RL Ecoll RA CG LVACD			SPP CISP CCS TA CBAB MECo DVD IPHI GMT Tut IGA ~			AC CNT IMG CA NLP NDM EK SDOS NS					CN FoMB GM DCS TNT ACV SSD SPA			DA NB SCMP MAD TE BML PV WSI			
Wed		IGA FCS AML AERM FSEM RFCD HIEE CTH			AI CMP Bphy TACS USPP INE FMRP			CGAS IIA RMSSD CMOS PDCS RAII EC CFM					Faculty Meeting  Lab RMSSD ~ Tut RA-II ~			Seminar Slot ~ A007			
Thurs		DIP ABIN Rob RL Ecoll RA CG DLM LVACD			MAEco DIS Pho FF KCES PoK NMP DMG			AC CNT IMG CA NLP NDM EK SDOS NS					PRP MLBA I3D CMPA ATMC  EEE ~			ML ICF CMM FAE PST			
Fri		IGA FCS AML AERM FSEM RFCD CTH			SPP CISP CCS TA CBAB MEco DVD IPHI GMT			CGAS IIA RMSSD CMOS PDCS RAII EC CFM					CN FoMB GM DCS TNT ACV SSD SPA			DA NB SCMP MAD TE BML PV WSI			
Day	8:30-9	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

*Duration of the Lectures will be 50 mins and 80 mins*

Course Code	Course Name	Instructor	Credits	Acronym
BIO361	Biophysics (New)	Arjun Ray	4	Bphy
BIO511	Cell Biology and Biochemistry	Sriram K	4	CBAB
BIO512	Foundations of Modern Biology	Vibhor Kumar	4	FoMB
BIO321	Algorithms in Bioinformatics(New)	Debarka Sengupta	4	ABIN
BIO532	Network Biology	Ganesh Bagler	4	NB
BIO542	Machine Learning for Biomedical Applications	GPS Raghava	4	MLBA
BIO544	Computational Gastronomy	Ganesh Bagler	4	CGAS
BIO546/CSE585	Computing for Medicine (New)	Tavprites Sethi + Ponnurangam Kumaraguru	4	CFM

BIO571/ENT421	Healthcare Innovation and Entrepreneurship Essentials(New)	Tavpritesh Sethi	2	HIEE
COM301A	Technical Communication	Payel C Mukherjee(V)	2	Tcom
CSE232	Computer Networks	Mukulika Maity	4	CN
CSE301/CSE601	Compilers	Piyus Kedia	4	CMP
CSE319/CSE519	Modern Algorithm Design	Syamantak Das	4	MAD
CSE333/CSE533	Computer Graphics	Ojaswa Sharma	4	CG
CSE340/CSE540/ ECE350	Digital Image Processing	A V Subramanyam(ECE350+CSE340) + Angshul Majumdar(CSE540)	4	DIP
CSE343/CSE543 ECE3xx/ECE563	Machine Learning	SecA-Jainendra Shukla SecB- Tanmoy Chakraborty	4	ML
CSE345/CSE545	Foundations of Computer Security	Ponnurangam Kumaraguru	4	FCS
CSE350/CSE550	Network Security	B N Jain	4	NS
CSE506	Data Mining	Vikram Goyal	4	DMG
CSE511/ECE511	Computer Architecture	Sujay Deb	4	CA
CSE523	Randomized Algorithms	Rajiv Raman	4	RA
CSE525	Introduction to Graduate Algorithms	Debajyoti Bera	4	IGA
CSE546	Applied Cryptography	Subhabrata Samajder	4	AC
CSE556	Natural Language Processing	Md. Shad Akhtar	4	NLP
CSE562	Advanced Computer Vision	Koteswar Rao Jerripothula		ACV
CSE564/ECE564	Reinforcement Learning	Sanjit Krishnan Kaul	4	RL
CSE583	Software Development using Open Source(New)	Pankaj Jalote	4	SDOS
CSE584	Program Verification(New)	Rahul Purandare	4	PV
CSE600A/ECE600A	Object Oriented Programing and Design	Naveen Prakash(V)	2	OOPD
CSE606A	Data Lifecycle Management(New)	Sameep Mehta(G)+Hima Patel(G)	2	DLM
CSE621	Complexity Theory	Ashutosh Rai	4	CTH
CSE642	Advanced Machine Learning	Saket Anand	4	AML
CSE643	Artificial Intelligence	C. Anantram	4	AI
CSE651	Topics in Adaptive Cybersecurity	Arun Balaji Buduru	4	TACS
CSE656	Information Integration and Applications(New)	Mukesh Mohania	4	IIA
CSE734	Advanced Topics in Mobile Computing	Pushpendra Singh	4	ATMC
DES303	Film Making and Radio Podcasting	Manohar Khushlani(V)	4	FMRP
DES514	Digital Audio	Aman Samuel(G)	4	DA
DES516	Introduction to 3D Production Design for Animation and	Anoop Ratn(V)	4	I3D
DES518	Introduction to Motion Graphics	Anoop Ratn(V)	4	IMG
DES519	Design of Interactive Systems	Aman Parnami	4	DIS
DES5xx	Fundamentals of Audio for Engineers (New)	Angshu Das	4	FAE
ECO101	Microeconomics	Souvik Dutta	4	MECo
ECO201	Macroeconomics	Kiriti Kanjilal	4	MAEco
ECO311	Game Theory	Rakesh Chathurvedi	4	GMT
ECO322/ECO522	Econometrics II (New)	Gaurav Arora	4	EcoII
ECO331	Foundations of Finance	Pankaj Vajpayee	4	FF
ECE314/ECE514	Digital VLSI Design	Anuj Grover	4	DVD
ECE315/ECE515	Analog CMOS Circuit Design	G S Visweswaran(V)	4	CMOS
ECE318/ECE518	Solid State Devices	G S Visweswaran(V)	4	SSD
ECE340	Digital Communication Systems	Gourab Ghatak	4	DCS
ECE501	Probability & Random Process	Anubha Gupta	4	PRP
ECE539	Wireless System Implementation	Vivek Bohara	4	WSI
ECE543	Principals of Digital Communication System	Anand Srivastava	4	PDCS
ECE570	Control Theory	Sanat K Biswas	4	CNT
ECE670/CSE633	Robotics	Sayan Basu Roy	4	Rob
ECE321/ECE521	R F Circuit Design	M S Hashmi	4	RFCD
ECE517	Introduction to Nanoelectronics	Sneh Saurabh	4	INE

ECE551/CSE5BML	Bayesian Machine Learning(New)	Ranjitha P	4	BML
ECE520	Low Voltage Analog Circuit Design	S S Jamuar	4	LVACD
ECE522	Integrated Circuit Fabrication(New)	S S Jamuar	4	ICF
ECE545	Photonics: Fundamentals & Applications(New)	Sayak Bhattacharya	4	Pho
ENT411	Entrepreneurial Communication(New)	Payel C Mukherjee(V)	4	EC
ENT412	Entrepreneurial Khichadi(New)	Anupam Saronwala(V)	4	EK
ESC207A	Ecology, Evolution and Environment	Swapna Purandare(V)	2	EEE
MTH340/MTH540	Real Analysis II	Shilpak Banerjee	4	RAII
MTH371	Stochastic Processes and Applications	Monika Arora	4	SPA
MTH373/MTH573	Scientific Computing	Kaushik Kalyanaraman	4	SCMP
MTH518	Topics in Number Theory(New)	Anuradha Sharma	4	TNT
MTH541	Complex Analysis	Ashish Kumar Pandey	4	CMPA
MTH545	Finite and Spectral Element Methods(New)	Subhashree Mohapatra	4	FSEM
MTH562A	Point Set Topology (New)	Samareesh Chatterji(V)	2	PST
PSY307	Neuroscience of Decision Making (New)	Mrinmoy Chakrabarty	4	NDM
PSY308	Cognition of Motor Movement (New)	Sonia Baloni Ray	4	CMM
SOC202	Contemporary India: Sociological Perspective	Paro Mishra	4	CISP
SOC209	Consumer Culture and Society	Amrit Srinivasan(V)	4	CCS
SOC212	Key Concepts in Economic Sociology	Gayatri Nair	4	KCES
SOC311/SOC501	Advance Ethnographic Research Methods(New)	Shireen Mirza	4	AERM
SOC308	Gender and Media	Smriti Singh	4	GM
SSH121	Introduction to Philosophy	Shweta Singh(L)	4	IPHI
SSH201	Research Methods in Social Science and Design	Venkata Ratnadeep Suri	4	RMSSD
SSH211	Theatre Appreciation	Manohar Khushlani(V)	4	TA
SSH221	Social and Political Philosophy	Manohar Kumar	4	SPP
SSH300	Theories of Ethics (New)	Nishad Patnaik	4	TE
SSH223	Perspectives of Knowledge	Shweta Singh(L)	4	PoK
SSH362	Urban Space and Political Power (New)	Praveen Priyadarshi	4	USPP
SSH323	New Media and Politics (New)	Aasim Khan	4	NMP

Will be offered post Mid Sems