

**Course Offering Winter 2018 Semester**

Course Code	Title	Instructor	Credits	Acronym	On offer for	Also open for
<b>Core</b>						
<b>Ist Year Courses</b>						
CSE102	Data Structures & Algorithms	Rahul Purandare + Arun Balaji	4	DSA	CSE+ECE+CSAM+CSD+ITSS	
MTH201	Probability & Statistics	Angshul Majumdar + Sanjit Kaul	4	PS	CSE+ECE+CSAM+CSD+ITSS	
ECE113	Basic Electronics	Vivek Bohara + Sanat Biswas	4	BE	CSE+ECE+CSAM	
DES130	Introduction to Engineering Design	Aman Parnami	4	IED	CSE+ECE+CSAM+CSD+ITSS	
DES1xx	<b>Design Drawing and Visualization(New)</b>	Indrani De Parker(V)+Vibha Narula Gupta(G)	4	DDV	CSD Core	
SSH101	<b>Critical Thinking and Readings in Social Science(New)</b>	Aasim Khan	4	CTRSS	ITSS Core	
ECO101	Microeconomics	Gaurav Arora	4	ME	ITSS Core	Rest Students
<b>II nd Year Courses</b>						
CSE202	Fundamentals of Database Systems	Vikram Goyal	4	DBMS	CSE	
CSE222	Algorithm Design & Analysis	Debaraka Sebgupta	4	ADA	CSE+CSAM	
CSE231	Operating Systems	Sambuddho Chakravarty	4	OS	CSE	
CSE322	Theory of Computation	Debajyoti Bera	4	TOC	CSAM+CSE-TOC/Math Slot	Rest Students
ECE230	Fields and Waves	Shobha Sundaram	4	FW	ECE+CSAM Elective	
ECE214	Integrated Electronics	Sujay Deb	4	IE	ECE	
ECE240	Principles of Communication Systems	Anand Srivastava	4	PCS	ECE+CSE-Sci/Bio	
MTH204	Maths IV	Sarthok Sircar	4	M-IV	ECE+CSAM+CSE-TOC/Math slot	
MTH212	Abstract Algebra-I	Anuradha Sharma	4	ALG	CSAM	
MTH200	<b>Introduction to Mathematical Logic(New)</b>	Sankha Basu	4	IML	ECE-Sci/Bio Slot+CSAM Elective	Rest Students
CSE234	Computer Architecture and Operating Systems	Bijoy Chand Chatterjee	4	CAOS	CSAM-Carried forward from Sem 3	
BIO213	Introduction to Quantitative Biology	Subhadip Raichudhuri	4	IQB	CSE/ECE-Sci/Bio+CSAM Elective	
MTH303	Graph Theory	Samaresh Chatterji(V)	4	GT	CSE-TOC/Math Slot+ECE Sci/Bio Slot + CSAM Elective+M.Tech(CB) Elective	Rest Students
MTH311	<b>Combinatorics and its Applications(New)</b>	Samrith Ram	4	CIA	ECE-Sci/Bio Slot+CSAM Elective	Rest Students
PHY3xx	Elements of Modern Physics	Sukanta Dutta(G)	4	MPHY	CSE/ECE-Sci/Bio+CSAM Elective	
<b>Elective</b>						
<b>BIO/CSE/ECE/MTH Courses</b>						
BIO531	Introduction to Mathematical Biology	Subhadip Raichudhuri	4	IMB	UG/PG+M.Tech(CB)-Core	
BIO534	Introduction to Computational Neuroscience	Sriram K	4	ICN	UG/PG	
BIO571	<b>Network Science(New)</b>	Ganesh Bagler	4	NS	UG/PG	
BIO523	<b>Cheminoformatics(New)</b>	Ganesh Bagler	4	CHI	UG/PG	
BIO543	<b>Big Data Mining in Healthcare(New)</b>	GPS Raghava	4	BDMH	UG/PG	
CSE341/CSE541	Biometrics/Advanced Biometrics	Mayank Vatsa	4	BIOM	UG/PG	
CSE342/CSE542	Statistical Machine Learning	Richa Singh	4	SML	UG/PG	This course is same as Pattern Recognition

CSE344/CSE544/ ECE344/ECE544	Computer Vision	Saket Anand	4	CV	UG/PG	
CSE501	Designing Human-Centred Systems	Ponnurangam Kumaraguru	4	DHCS	UG/PG	
CSE502	Foundations of Parallel Programming	Vivek Kumar	4	FPP	UG/PG + M.Tech CB Elective	
CSE508	Information Retrieval	Tanmoy Chakraborty	4	IR	UG/PG	
CSE510A	Big Data Analytics	Vikram Goyal	2	BDA	UG/PG + M.Tech CB Elective	
CSE523	Randomised Algorithms	Rajiv Raman	4	RA	UG/PG	
CSE524	Theory of Modern Cryptography	Donghoon Chang	4	TMC	UG/PG	
CSE734	Advance Topics in Mobile Computing	Mukulika Maity	4	ATMC	UG/PG	
CSE535	Mobile Computing	Pushpendra Singh	4	MC	UG/PG + M.Tech CB Elective	
CSE560	GPU Computing	Ojaswa Sharma	4	GPU	UG/PG + M.Tech CB Elective	
CSE561	Probabilistic Graphical Models	Chetan Arora	4	PGM	UG/PG + M.Tech CB Elective	
CSE609	Statistical Computation	Vibhor Kumar	4	SC	UG/PG	
CSE622	Introduction to Quantum Computing	Debajyoti Bera	4	IQC	UG/PG	
CSE633/ECE670	Robotics	P B Sujit	4	Rob	UG/PG	
CSE641	Deep Learning	Chetan Arora+ Saket Anand	4	DL	UG/PG	
CSE694F/ECE651	Multimedia Security	A V Subramanyam	4	MS	UG/PG	
CSE570	Virtual Reality(New)	Ojaswa Sharma	4	VR	UG/PG	
CSE563	Multimedia Computing and Applications(New)	Rajiv Ratn Shah	4	MCA	UG/PG	
CSE577	Advanced Internet of Things(New)	Juhi Ranjan	4	AIOT	UG/PG	
CSE631	Advanced Operating Systems(New)	Piyus Kedia	4	AOS	UG/PG	
CSE606	Data Warehousing	Naveen Prakash(G)	4	DW	UG/PG	
CSE5xx/ECE5xx	Reinforcement Learning(New)	Sanjit Kaul	4	RL	UG/PG	
CSE5xx	Approximation Algorithms	Syamantak Das	4	AAG	UG/PG	
DES302	Animation and Graphics	Manohar Khushlani(V)	4	A&G	UG	
DES5xx	Game Design and Development(New)	Timoty Moyer	4	GDD	UG/PG	
ECE343	Mobile Communication	Abhijit Mitra(V)	4	MCom	UG	
ECE452/ECE552	Statistical Signal Processing	Pravesh Biyani	4	SSP	UG/PG	
ECE510	Digital Hardware Design	Sumit Darak	4	DHD	UG/PG	
ECE534	Optical Communication Systems	Anand Srivastava	4	OCMS	UG/PG	
ECE539	Wireless System Implementation	Vivek Bohara	4	WSI	UG/PG	
ECE571	Optimal Control Systems	P B Sujit	4	OCS	UG/PG	
ECE573	Advanced Embedded Logic Design	Sumit Mediratta(V)	4	AELD	UG/PG	
ECE611	Memory Design and Testing	Anuj Grover	4	MDT	UG/PG	
ECE612	Mixed Signal Design	Pydi Ganga Mamba Bahubalindrani	4	MSD	UG/PG	
ECE/432/ECE632	Radar Systems	Shobha Sundaram	4	RS	UG/PG	
ECE1517	Introduction to Nanoelectronics	Sneh Saurabh	4	INE	UG/PG	
ENG599s	Research Methods	Anubha Gupta	2	RM	PG	
MTH305/MTH505	Linear Optimization	Pravesh Biyani	4	LO	UG/PG	
MTH570	Numerical Solutions for Differential Equations	Kaushik Kalyanaraman	4	NSDE	UG/PG + M.Tech CB Elective	
<b><u>SSH/FIN/MAN/ECO/ENT Courses</u></b>						
ECO313	Market Design(New)	Rakesh Chaturvedi	4	MD	UG	
ENT402	Entrepreneurship II	Hemant Kumar(V)	2	ENTII	UG	
FIN402	Valuation and Portfolio Management	Pankaj Vajpayee(V)	4	VPM	UG	

MGT310	Effective Supply Chain Management for E Commerce	Sanjiva Dubey(G)	4	SCM	UG	
PSY202	Positive Psychology	Akshay Kumar(V)	4	PPSY	UG	
PSY301	Introduction to Cognitive Psychology(New)	Venkat Ratandeeep Suri	4	CPSY	UG	
SOC201	Introduction to Sociology/Anthropology(New)	Amrit Srinivasan(V)	4	ISA	UG	
SOC205	Anthropology of Social Media(New)	Shriram Venkatraman	4	ASM	UG	
SSH121	Introduction to Philosophy(New)	Raj Ayyar(V)	4	IPHI	UG	
SSH124	Critical Thinking	Raj Ayyar(V)	4	CT	UG	
SSH214	Introduction to the Study of Literature	Honey Jhalani(G)	4	Lit	UG	
SSH217	Indian Poetry through the Ages	Saumya Kulshreshtha(G)	2	IPA	UG	

### BTech 1st Year(CSE+CSAM) - Section A - Winter Semester 2018

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		PS C01			Tut-BE Gp 1/2/3/4 (CSE Students) LR1/LR2/LR3/S01		IPHI ASM ISA		C12 C01 C11	LUNCH			Tut-DSA Gp 1/2/3	LR2/LR3/S01		Lit CT Ppsy	LR1 C12 C01		
TUE			DSA C01		IED A106,B105			BE-262 C01		LUNCH			Lab-BE Gp 1 Lab-IED Gp 6 Lab DSA Gp 4/5	SCL L32 L22/L23		Lab-IED Gp 5 Lab-BE Gp 4	L33 SCL		
WED		PS C01			DSA C01		IPHI ASM ISA		C12 C01 C11	LUNCH			Tut-DSA Gp 4/5/6 LR2/LR3/S01			Lit CT Ppsy	LR1 C12 C01		
THU		PS C01			IED A106,B105		BE C01			LUNCH			Lab-DSA Gp 1/2/3 Lab-IED Gp 4	L21/L22/L23 L33	Lab-IED Gp 1/3 Lab-BE Gp 2		L32/L33 SCL		
FRI			BE C01		DSA C01		Tut-PS Gp 1/2/3/4/5/6 LR1/LR2/LR3/S01/S02/C24			LUNCH			Lab-BE Gp 3 Lab-IED Gp 2 Lab DSA Gp 6	SCL L33 L22		Meeting Slot			

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

Core/ Elective	Course Code	Course Title	Instructor	Credit	Acronym	Remarks
Core for all	CSE102	Data Structures & Algorithms	Rahul Purandare	4	DSA	
Core for all	ECE113	Basic Electronics	Sanat Biswas	4	BE	CSAM students will attend BE with Sec B students
Core for all	DES130	Introduction to Engineering Design	Aman Parnami	4	IED	
Core for all	MTH201	Probability & Statistics	Sanjit Kaul	4	PS	
Elective	SSH121	Introduction to Philosophy	Raj Ayyar(V)	4	IPHI	
Elective	SSH124	Critical Thinking	Raj Ayyar(V)	4	CT	
Elective	SOC201	Introduction to Sociology/Anthropology	Amrit Srinivasan(V)	4	ISA	
Elective	PSY202	Positive Psychology	Akshay Kumar(V)	4	PPSY	
Elective	SSH214	Introduction to Study of Literature	Honey Jhalani(G)	4	Lit	
Elective	SOC205	Anthropology of Social Media	Shriram Venkatraman	4	ASM	

### BTech 1st Year(ECE+CSD+ITSS) - Section B - Winter Semester 2018

Day	8-8:30	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
MON			Tut-PS Gp 1/2/3/4/5 LR1/LR2/LR3/S01/S02			PS C11		IPHI C12 ASM C01 ISA C11 ME A106				L U N C H	Lab-IED Gp 5 L33				Lit LR1 CT C12 PPsy C01		
TUE	IED A106,B105			DSA C11		Tut BE Gp 1/2(ECE Students) C11			BE C11 CTRSS C24 DDV A106				Lab-IED Gp 2 L33	Lab-BE Gp 1 (ECE)/Gp 1(CSAM) L32/SCL			DDV Practice Session A106		
WED				PS C11		DSA C11		IPHI C12 ASM C01 ISA C11 ME A106					Lab-IED Gp 1 L33				Lit LR1 CT C12 PPsy C01		
THU	IED A106,B105					PS C11		BE C11 CTRSS C24 DDV A106					Lab-IED Gp 4 L32	Tut-DSA Gp 1/2/3 LR1/LR2/LR3			DDV Practice Session A106		
FRI				BE C11 CTRSS C24		DSA C11							Lab-IED Gp 3 L32				Meeting Slot		

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

Core/ Elective	Course Code	Course Title	Instructor	Credit	Acronym
Core for all	CSE102	Data Structures & Algorithms	Arun Balaji	4	DSA
Core for all	DES130	Introduction to Engineering Design	Aman Parnami	4	IED
Core for all	MTH201	Probability & Statistics	Angshul Majumdar	4	PS
ECE Core	ECE113	Basic Electronics	Vivek Bohara	4	BE
CSD Core	DES1xx	Design Drawing and Visualisation	Indrani Parker(V)+ Vibha Narual Gupta(G)	4	DDV
ITSS Core	SSH101	Critical Thinking and Readings in Social Sciences	Aasim Khan		CTRSS
ITSS Core	ECO101	Microeconomics	Gaurav Arora	4	ME
ECE, CSD Elective	SSH121	Introduction to Philosophy	Raj Ayyar(V)	4	IPHI
ECE, CSD Elective	SSH124	Critical Thinking	Raj Ayyar(V)	4	CT
ECE, CSD Elective	SOC201	Introduction to Sociology/Anthropology	Amrit Srinivasan(V)	4	ISA
ECE, CSD Elective	PSY202	Positive Psychology	Akshay Kumar(V)	4	PPSY
ECE, CSD Elective	SSH214	Introduction to Study of Literature	Honey Jhalani	4	Lit
ECE, CSD Elective	SOC205	Anthropology of Social Media	Shriram Venkatraman	4	ASM

## BTech 2nd Year (CSE)-Winter Semester 2018

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	
<b>MON</b>	Tut Math IV C22			ADA C21		OS C21			L U N C H					IQB C21 MPHY A006		GT C21			
<b>TUE</b>	Tut GT Gp 1/2/3 C22/C23/C24			DBMS C21			Tut ADA Gp1/2/3/4 L21/L22/L23							M-IV C21		TOC C11			
<b>WED</b>	ADA C21		Tut DBMS Gp1/2/3/4 LR1/LR2/LR3/S01			OS C21		Meeting Slot						GT C21					
<b>THU</b>					Tut-OS Gp 1/2/3/4 LR1/LR2/LR3/S01			ADA C21						Tut TOC 1/2 C22/C23		Seminar C21			
<b>FRI</b>				DBMS C21		Lab ADA Gp1/2/3/4 L21/L22/L23								M-IV C21		TOC C11			
Duration of the Lectures will be 50 mins and 80 mins																			

Core/ Elective	Course Code	Course Title	Instructor	Credit	Acronym	Remarks
Core	CSE202	Fundamentals of Database Systems	Vikram Goyal	4	DBMS	
Core	CSE222	Algorithm Design & Analysis	Debarka Sengupta	4	ADA	
Core	CSE231	Operating Systems	Sambuddho Chakravarty	4	OS	
Elective	BIO213	Introduction to Quantitative Biology	Subhadip Raicaudhuri	4	IQB	Sci/Bio Slot
Elective	PHY3xx	Elements of Modern Physics	Sukanta Dutta(G)	4	MPHY	Sci/Bio Slot
Elective	CSE322	Theory of Computation	Debajyoti Bera	4	TOC	TOC/Math Slot
Elective	MTH303	Graph Theory	Samaresh Chatterji(V)	4	GT	TOC/Math Slot
Elective	MTH204	Math IV	Sarthok Sircar	4	M-IV	TOC/Math Slot

## BTech 2nd Year (ECE)-Winter Semester 2018

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	
MON							Tut-FW Gp 1/2 LR1/LR2		PCS C02				IQB CIA IML MPHY	C21 C03 C02 A006		GT C21			
TUE	Tut GT LR1			IE C02			FW C02		Tut-PCS Gp1/2 LR2/LR3				M-IV C21			Tut-Maths IV Gp 1 & 2 LR1/LR2			
WED				Lab-IE Gp 1/2				SCL/L32		Meeting Slot									GT C21
THU							PCS C02		FW C02		Tut-IE Gp 1/2 LR1/LR2		IQB CIA IML MPHY	C21 C03 C02 A006		Seminar C21			
FRI							IE C02		FW C02				M-IV C21						

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

Core/ Elective	Course Code	Course Title	Instructor	Credit	Accronym	Remarks
Core	ECE230	Fields and Waves	Shobha Sundaram	4	F&W	
Core	ECE214	Integrated Electronics	Sujay Deb	4	IE	
Core	ECE240	Principles of Communication Systems	Anand Srivastava	4	PCS	
Core	MTH204	Math IV (Differential Equations)	Sarthok Sircar	4	M-IV	
Elective	BIO213	Introduction to Quantitative Biology	Subhadip Raichaudhuri	4	IQB	Sci/Bio Slot
Elective	MTH200	Introdcuton to Mathematical Logic	Sankha Basu	4	IML	Sci/Bio Slot
Elective	MTH303	Graph Theory	Samarehs Chatterji(V)	4	GT	Sci/Bio Slot
Elective	MTH311	Combinatorics and its Applications	Samrith Ram	4	CIA	Sci/Bio Slot
Elective	PHY3xx	Elements of Modern Physics	Sukanta Dutta(G)	4	MPHY	Sci/Bio Slot

## BTech 2nd Year (CSAM)-Winter Semester 2018

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	
<b>MON</b>				ADA C21		Lab ADA Gp1/2 L21/L22				Meeting Slot			IQB CIA IML MPHY	C21 C03 C02 A006		GT C21			
<b>TUE</b>	Tut GT	LR1		ALG A006			FW C02		CAOS C02				M-IV C21			TOC C11			
<b>WED</b>			ADA C21	Tut-ALG Gp1/2 C24/C23		Tut ADA Gp1/2 L21/L22					L U N C H					GT C21			
<b>THU</b>				Tut Math IV Gp1/2 S02/C23		FW C02		ADA C21						IQB CIA IML MPHY	C21 C03 C02 A006		Seminar C21		
<b>FRI</b>				ALG A006		FW C02		CAOS C02						M-IV C21			TOC C11		
Duration of the Lectures will be 50 mins and 80 mins																			

Core/ Elective	Course Code	Course Title	Instructor	Credit	Accronym	Remarks
Core	CSE222	Algorithm Design & Analysis	Debarka Sengupta	4	ADA	
Core	CSE322	Theory of Computation	Debajyoti Bera	4	TOC	
Core	MTH212	Abstract Algebra	Anuradha Sharma	4	ALG	
Core	MTH204	Math IV	Sarthok Sircar	4	MIV	
Core	CSE234	Computer Architecture and Operating Systems	Bijoy Chand Chatterjee(V)	4	CAOS	Carried forward from 3rd Sem
Elective	ECE230	Fields and Waves	Shobha Sundaram	4	FW	Sci/Bio/Special Elective Slot
Elective	MTH303	Graph Theory	Samaresh Chaterji(V)	4	GT	Sci/Bio/Special Elective Slot
Elective	MTH311	Combinatorics and its Applications	Samrith Ram	4	CIA	Sci/Bio/Special Elective Slot
Elective	MTH200	Introduction to Mathematical Logic	Sankha Basu	4	IML	Sci/Bio/Special Elective Slot
Elective	BIO213	Introduction to Quantitative Biology	Subhadip Raichudhuri	4	IQB	Sci/Bio/Special Elective Slot
Elective	PHY3xx	Elements of Modern Physics	Sukanta Dutta(G)	4	MPHY	Sci/Bio/Special Elective Slot





CSE501	Designing Human Centred Systems	Ponnurangam Kumaraguru	4	DHCS
CSE502	Foundations of Parallel Programming	Vivek Kumar	4	FPP
CSE508	Information Retrieval	Tanmoy Chakraborty	4	IR
CSE510A	Big Data Analytics	Vikram Goyal	2	BDA
CSE523	Randomised Algorithms	Rajiv Raman	4	RA
CSE524	Theory of Modern Cryptography	Donghoon Chang	4	TMC
CSE535	Mobile Computing	Pushpendra Singh	4	MC
CSE560	GPU Computing	Ojaswa Sharma	4	GPU
CSE561	Probabilistic Graphical Models	Chetan Arora	4	PGM
CSE609	Statistical Computation	Vibhor Kumar	4	SC
CSE622	Introduction to Quantum Computing	Debajyoti Bera	4	IQC
CSE633/ECE670	Robotics	P B Sujit	4	Rob
CSE641	Deep Learning	Chetan Arora+ Saket Anand	4	DL
CSE694F/ECE651	Multimedia Security	A V Subramanyam	4	MS
CSE734	Advance Topics in Mobile Computing	Mukulika Maity	4	ATMC
CSE570	Virtual Reality(New)	Ojaswa Sharma	4	VR
CSE563	Multimedia Computing and Applications(New)	Rajiv Ratn Shah	4	MCA
CSE577	Advanced Internet of Things(New)	Juhi Ranjan	4	AIOT
CSE631	Advanced Operating Systems(New)	Piyus Kedia	4	AOS
CSE606	Data Warehousing(New)	Naveen Prakash(G)	4	DW
CSE5xx	Approximation Algorithms	Syamantak Das	4	AAG
CSE5xx/ECE5xx	Reinforcement Learning(New)	Sanjit Kaul	4	RL
DES302	Animation and Graphics	Manohar Khushlani(V)	4	A&G
DES5xx	Game Design and Development(New)	Timoty Moyer	4	GDD
ECE343	Mobile Communication	Abhijit Mitra(V)	4	MCom
ECE452/ECE552	Statistical Signal Processing	Pravesh Biyani	4	SSP
ECE510	Digital Hardware Design	Sumit Darak	4	DHD
ECE534	Optical Communication Systems	Anand Srivastava	4	OCMS
ECE539	Wireless System Implementation	Vivek Bohara	4	WSI
ECE571	Optimal Control Systems	P B Sujit	4	OCS
ECE573	Advanced Embedded Logic Design	Sumit Mediratta(V)	4	AELD
ECE611	Memory Design and Testing	Anuj Grover	4	MDT
ECE612	Mixed Signal Design	Pydi Ganga Mamba Bahubalindrani	4	MSD
ECE432/ECE632	Radar Systems	Shobha Sundaram	4	RS
ECES17	Introduction to Nanoelectronics	Sneh Saurabh	4	INE
ECO101	Microeconomics	Gaurav Arora	4	ME
ECO313	Market Design(New)	Rakesh Chaturvedi	4	MD
ENG599s	Research Methods	Anubha Gupta	2	RM
ENT402	Entrepreneurship II	Hemant kumar(V)	2	ENTII
FIN402	Valuation and Portfolio Management	Pankaj Vajpayee(V)	4	VPM
MGT310	Effective Supply Chain Management for E Commerce	Sanjiva Dubey(G)	4	SCM
MTH200	Introduction to Mathematical Logic(New)	Sankha Basu	4	IML
MTH311	Combinatorics and its Applications(New)	Samrith Ram	4	CIA
MTH303	Graph Theory	Samaresh Chatterji(V)	4	GT
MTH305/MTH505	Linear Optimization	Pravesh Biyani	4	LO
MTH570	Numerical Solutions for Differential Equations	Kaushik Kalyanaraman	4	NSDE
PSY202	Positive Psychology	Akshay Kumar(V)	4	PPSY
PSY301	Introduction to Cognitive Psychology(New)	Venkat Ratandeeep Suri	4	CPSY

SOC201	Introduction to Sociology/Anthropology(New)	Amrit Srinivasan(V)	4	ISA
SOC205	Anthropology of Social Media(New)	Shriram Venkatraman	4	ASM
SSH121	Introduction to Philosophy(New)	Raj Ayyar(V)	4	IPHI
SSH124	Critical Thinking	Raj Ayyar(V)	4	CT
SSH214	Introduction to Study of Literature	Honey Jhalani(G)	4	Lit
SSH217	Indian Poetry through the Ages	Saumya Kulshreshtha(G)	2	IPA