

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
1	AE	<u>INTRODUCTION TO AEROSPACE ENGINEERING (AE201A)</u>		3-1 PRF,DC,Minor	3-0-0-0(5)	ALAKESH CHANDRA MANDAL (I)	alakeshm@iitk.ac.in	MWF 12:00-13:00					
2	AE	<u>COMPRESSIBLE AERODYNAMICS (AE311A)</u>	( ESO201A AND ESO204A )	SLOT-2 PRF,DC	3-0-0-0(9)	Mohammed Ibrahim Sugarno(I)	ibrahim@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
3	AE	<u>FLIGHT MECHANICS (AE321A)</u>		SLOT-3-1 PRF,DC	3-0-0-0(9)	Raghavendra Kukillaya(I)	raghavpk@iitk.ac.in	TWF 16:00-17:00					
4	AE	<u>INTRODUCTION TO AEROSPACE STRUCTURES (AE331A)</u>	( ESO202A )	SLOT-5-1 PRF,DC,Minor	3-0-0-0(9)	SUDHIR KAMLE (I)	kamle@iitk.ac.in	WF 14:00-15:00 ,T 17:00-18:00					
5	AE	<u>B TECH PROJECT 1 (AE371A)</u>		SLOT-BLANK PRF,DC	0-0-0-0(4)	SANJAY KUMAR (I)	skmr@iitk.ac.in						
6	AE	<u>TECHNICAL COMMUNICATION (AE401A)</u>		SLOT-71 DE,PRF	0-0-2-2(2)	Gopalakrishna M Kamath (I)	gmkamath@iitk.ac.in	T 10:00-12:00				T 10:00-12:00	
7	AE	<u>ROCKET PROPULSION (AE441A)</u>	( AE311A )	SLOT-1 PRF,DC	3-0-0-0(5)	SATHESH MARIAPPAN (I)	sathesh@iitk.ac.in	TWTh 08:00-09:00					
8	AE	<u>EXPERIMENTS IN AEROSPACE ENGINEERING III (AE451A)</u>	( AE351A )	SLOT-71 PRF	0-0-3-2(5)	ALAKESH CHANDRA MANDAL (I)	alakeshm@iitk.ac.in					M 14:00-17:00	
9	AE	<u>AIRCRAFT DESIGN-I (AE461A)</u>		SLOT-4-1 PRF,DC	1-0-2-2(7)	A K GHOSH (I)	akg@iitk.ac.in	F 15:00-15:50				Th 14:00-16:00	
10	AE	<u>B TECH PROJECT (AE471A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	SANJAY KUMAR (I)	skmr@iitk.ac.in						
11	AE	<u>INTRO TO AEROSPACE ENGG. (AE601A)</u>		PG-1 PRF	3-0-0-0(9)	T K SENGUPTA (I)	tksen@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
12	AE	<u>MATHEMATICS FOR AEROSPACE ENGG. (AE602A)</u>		DE-1 DE,PRF,OE	3-0-0-0(9)	Navrose (I)	navrose@iitk.ac.in	MTh 09:00-10:15					
13	AE	<u>INTRODUCTION TO SCIENTIFIC COMPUTING (AE603A)</u>		OE-8 DE,PRF,OE	3-0-0-0(9)	RAKESH KUMAR (I), T K SENGUPTA (O)	rkm@iitk.ac.in	WF 12:00-13:15					
14	AE	<u>ADVANCED COMPUTATIONAL FLUID MECHANICS (AE605A)</u>		PG-4 PRF	3-0-0-0(9)	T K SENGUPTA (I)	tksen@iitk.ac.in	MTh 12:00-13:15					
15	AE	<u>UNSTEADY GAS DYNAMICS</u>		OE-1	3-0-0-	SANJAY KUMAR (I)	skmr@iitk.ac.in	MWF 17:00-18:00					

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		<u>(AE606A)</u>		PRF,OE	0(9)								
16	AE	<u>AERODYNAMICS-I</u> <u>(AE610A)</u>		PG-3 PRF	3-0-0- 0(9)	KAMAL PODDAR (I)	kamal@iitk.ac.in	MTh 10:30-12:00					
17	AE	<u>VISCOUS FLOWS</u> <u>(AE614A)</u>		PG-14 PRF	3-0-0- 0(9)	DEBOPAM DAS (I)	das@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
18	AE	<u>FINITE ELEMENT METHODS FOR FLUID DYNAMICS</u> <u>(AE618A)</u>		OE-3 PRF,OE	3-0-0- 0(9)	SANJAY MITTAL (I)	smittal@iitk.ac.in	WF 10:30-12:00					
19	AE	<u>AUTONOMOUS UNMANNES AERIAL SYSTEMS</u> <u>(AE630A)</u>		PG-10 PRF	3-0-0- 0(9)	MANGAL KOTHARI (I)	mangal@iitk.ac.in	TWTh 08:00-09:00					
20	AE	<u>FLIGHT DYNAMICS</u> <u>(AE647A)</u>		PG-5 PRF	3-0-0- 0(9)	Subrahmanyam Saderla(I)	saderlas@iitk.ac.in	WF 09:00-10:15					
21	AE	<u>AIRBREATHING MISSILE PROPULSION</u> <u>(AE657A)</u>	( AE341 OR AE652 )	PG-4 PRF	3-0-0- 0(9)	ABHIJIT KUSHARI (I)	akushari@iitk.ac.in	MTh 12:00-13:15					
22	AE	<u>FUNDAMENTALS OF COMBUSTION</u> <u>(AE663A)</u>		PG-15 PRF	3-0-0- 0(9)	D P MISHRA (I)	mishra@iitk.ac.in	TTh 15:30-17:00					
23	AE	<u>APPLIED COMPRESSIBLE FLOWS</u> <u>(AE664A)</u>		PG-5 PRF	3-0-0- 0(9)	Ajay Singh(I)	ajayvs@iitk.ac.in	WF 09:00-10:15					
24	AE	<u>AEROSPACE STRUCTURAL ANALYSIS - I</u> <u>(AE670A)</u>		PG-15 PRF	3-0-0- 0(9)	Pritam Chakraborty (I)	cpritam@iitk.ac.in	TTh 15:30-17:00					
25	AE	<u>SOLID MECHANICS</u> <u>(AE672A)</u>		OE-3 DE,PRF,OE	3-0-0- 0(9)	C S UPADHYAY (I)	shekhar@iitk.ac.in	WF 10:30-12:00					
26	AE	<u>ROCKET AND MISSILE STRUCTURES</u> <u>(AE673A)</u>		PG-3 PRF	3-0-0- 0(9)	SUDHIR KAMLE (I)	kamle@iitk.ac.in	MTh 10:30-12:00					
27	AE	<u>ANALYSIS &amp; COMPOSITE STRUCTURES</u> <u>(AE682A)</u>		OE-1 PRF,OE	3-0-0- 0(9)	PRAKASH D MANGALGIRI (I), C S UPADHYAY (O)	pdmgiri@gmail.com	MWF 17:00-18:00					
28	AE	<u>HELICOPTER THEORY : DYNAMICS AND AEROELASTICITY</u> <u>(AE686A)</u>		PG-4 PRF	3-0-0- 0(9)	ABHISHEK (I)	abhish@iitk.ac.in	MTh 12:00-13:15					
29	AE	<u>DYNAMICS AND VIBRATION</u> <u>(AE688A)</u>		PG-14 PRF	3-0-0- 0(9)	Gopalakrishna M Kamath (I)	gmkamath@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
30	AE	<u>HIGH TEMPERATURE GAS DYNAMICS</u> <u>(AE690A)</u>		PG-13 PRF	3-0-0- 0(9)	RAKESH KUMAR (I)	rkm@iitk.ac.in	MTh 14:00-15:15					
31	AE	<u>M TECH THESIS</u>		SLOT-	0-0-0-	RAJESH KITEY (I),							

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								Time	Venue	Time	Venue	Time	Venue
		<u>(AE699)</u>		BLANK PRF,Thesis	0(0)	SANJAY KUMAR (O)							
32	AE	<u>OPTIMAL SPACE FLIGHT CONTROL (AE777A)</u>		OE-8 PRF,OE	3-0-0- 0(9)	ASHISH TIWARI (I)	ashtew@iitk.ac.in	WF 12:00-13:15					
33	AE	<u>NONLINEAR AND ADAPTIVE CONTROL (AE778A)</u>		PG-13 PRF	3-0-0- 0(9)	ASHISH TIWARI (I)	ashtew@iitk.ac.in	MTh 14:00-15:15					
34	AE	<u>PHD THESIS (AE799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	RAJESH KITEY (I)	kitey@iitk.ac.in						
35	AE	<u>ENGINEERING GRAPHICS (TA101A)</u>		TA101A IC	2-0-3- 0(9)	MUKESH SHARMA (I)	mukesh@iitk.ac.in	TTh 14:00-15:00				MTWTh 10:00-13:00	
36	BSBE	<u>ORGAN SYSTEM, PHYSIOLOGY AND ANATOMY (BSE211A)</u>		3-1 PRF,DC,Mi nor	3-0-0- 0(9)	MAINAK DAS (I)	mainakd@iitk.ac.in	MWF 12:00-13:00					
37	BSBE	<u>SCIENTIFIC &amp; PROFESSIONAL COMMUNICATION (BSE301A)</u>		SLOT-71 PRF,DC	0-0-2- 0(2)	PRADIP SINHA (I)	pradips@iitk.ac.in					T 10:00-12:00	
38	BSBE	<u>MOLECULAR CELL BIOLOGY (BSE311A)</u>		SLOT-2 PRF,DC	3-0-0- 0(9)	JAYANDHARAN GIRIDHARA RAO(I)	jayrao@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
39	BSBE	<u>MOLECULAR BIOLOGY LAB (BSE312A)</u>		SLOT-3-2 PRF,DC	1-0-6- 0(9)	BUSHRA ATEEQ (I)	bushra@iitk.ac.in					WTh 14:00-17:00	
40	BSBE	<u>UG PROJECT (UGP-I) (BSE398A)</u>		SLOT- BLANK PRF	0-0-0- 0(4)	NITIN GUPTA(I)	guptan@iitk.ac.in						
41	BSBE	<u>BIOMATERIALS (BSE411A)</u>		SLOT-1 PRF,DC,Mi nor	3-0-2- 0(11)	DHIRENDRA S KATTI(I)	dsk@iitk.ac.in	TWTh 08:00-09:00					
42	BSBE	<u>BIOMATERIAL, PHYSIOLOGY &amp; BIO-MEMS LABORATORY (BSE412A)</u>		SLOT-5-2 PRF,DC	1-0-6- 0(9)	MAINAK DAS (I)	mainakd@iitk.ac.in					MT 14:00-17:00	
43	BSBE	<u>METHODS IN BIOTECHNOLOGY-I, EXPERIMENTAL BIOSEPERATION (BSE492A)</u>	( BSE222A )	DE-1 DE,PRF	3-0-0- 0(9)	ASHOK KUMAR (I)	ashokkum@iitk.ac.in	MTh 09:00-10:15					
44	BSBE	<u>UG PROJECT (UGP-III) (BSE498A)</u>		SLOT- BLANK PRF	0-0-9- 0(9)	NITIN GUPTA(I)	guptan@iitk.ac.in						

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45	BSBE	<u>PROFESSIONAL COMMUNICATION (BSE601A)</u>		DE-1 PRF	1-0-0- 0(0)	SUBRAMANIAM GANESH (I)	sganesh@iitk.ac.in	F 09:00-10:00					
46	BSBE	<u>MODERN INSTRUMENTAL METHODS IN BIOLOGICAL SCIENCES (BSE611A)</u>		DE-3 DE,PRF	3-0-0- 0(9)	ARUN KUMAR SHUKLA(I)	arshukla@iitk.ac.in	MTh 12:00-13:15					
47	BSBE	<u>BIOMATERIALS (BSE613A)</u>		PG-10 PRF	3-0-0- 2(11)	DHIRENDRA S KATTI(I)	dsk@iitk.ac.in	TWTh 08:00-09:00					
48	BSBE	<u>BIOCHEMISTRY STRUCTURAL BIOLOGY (BSE631A)</u>		DE-8 PRF	3-0-0- 0(9)	RAMASUBBU S RAMAKRISHNAN (I)	rsankar@iitk.ac.in	WF 12:00-13:15					
49	BSBE	<u>CELLULAR MOLECULER BIOLOGY (BSE651A)</u>		PG-3 PRF	3-0-0- 0(9)	AMITABHA BANDYOPADHYAY (I)	abandopa@iitk.ac.in	MTh 10:30-12:00					
50	BSBE	<u>PHYSIOLOGY (BSE655A)</u>		PG-13 DE,PRF,OE	3-0-0- 0(9)	JONAKI SEN (I)	jonaki@iitk.ac.in	MTh 14:00-15:15					
51	BSBE	<u>NEUROBIOLOGY (BSE656A)</u>		OE-3 DE,PRF,OE	3-0-0- 0(9)	NITIN GUPTA(I)	guptan@iitk.ac.in	WF 10:30-12:00					
52	BSBE	<u>M.TECH THESIS (BSE699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	BUSHRA ATEEQ (I), NITIN GUPTA(O)	bushra@iitk.ac.in						
53	BSBE	<u>SEMINAR (BSE701A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(0)	BUSHRA ATEEQ (I)	bushra@iitk.ac.in						
54	BSBE	<u>SEMINAR (BSE702A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(0)	BUSHRA ATEEQ (I)	bushra@iitk.ac.in						
55	BSBE	<u>PHD THESIS (BSE799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	BUSHRA ATEEQ (I)	bushra@iitk.ac.in						
56	BSBE	<u>PRINCIPLES OF BIOTECHNOLOGY (ESO206A)</u>		ESO-3 ESO/SO	3-0-0- 0(9)	ASHWANI KUMAR THAKUR (I)	akthakur@iitk.ac.in	MWF 09:00-10:00					
57	BSBE	<u>INTRODUCTION TO BIOLOGY (LIF101A)</u>		SLOT-5 IC	2-0-0- 0(6)	SARAVANAN MATHESHWARAN(I), PRADIP SINHA (O)	saran@iitk.ac.in	WF 14:00-15:00					
58	CE	<u>INTRODUCTION TO ENVIRONMENTAL SCIENCE (CE213A)</u>		OE-1 PRF,OE	3-0-0- 0(9)	ANUBHA GOEL (I)	anubha@iitk.ac.in	MWF 17:00-18:00					
59	CE	<u>SUSTAINABLE BUILT ENVIRONMENT</u>		OE-1	3-0-0-	TARUN GUPTA (I)	tarun@iitk.ac.in	MWF 17:00-18:00					

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		<u>(CE241A)</u>		PRF,OE,D C	0(9)								
60	CE	<u>ENVIRONMENTAL QUALITY AND POLLUTION</u> <u>(CE311A)</u>	( CHM101A AND MTH101A )	SLOT-2-1 PRF,DC	3-0-3- 0(12)	PURNENDU BOSE (I), VINOD TARE (O)	pbose@iitk.ac.in	MF 08:00-09:00 ,W 16:00-17:00				MTTh 14:00-16:00 ,F 16:00-17:00	
61	CE	<u>GEOINFORMATICS</u> <u>(CE331A)</u>		SLOT-1 PRF,DC	3-0-2- 0(11)	Salil Goel(I), NAGARAJAN BALASUBRAMANIAN(O)	sgoel@iitk.ac.in	TWTh 08:00-09:00				MTTh 14:00-16:00	
62	CE	<u>CIVIL ENGINEERING COMMUNICATION</u> <u>SKILLS</u> <u>(CE341A)</u>	( COM200 )	SLOT-71 PRF,DC	0-0-2- 0(2)	ARGHYA DAS(I)	arghya@iitk.ac.in					T 10:00-12:00	
63	CE	<u>SOIL MECHANICS</u> <u>(CE351A)</u>	( CE242A AND ESO202A )	SLOT-4 PRF,DC	2-0-2- 0(8)	PRISHATI RAYCHOWDHURY (I)	prishati@iitk.ac.in	WF 15:00-16:00				MTTh 14:00-16:00	
64	CE	<u>ENGINEERING HYDROLOGY</u> <u>(CE361A)</u>		SLOT-6 PRF,DC	2-0-0- 0(6)	RICHA OJHA (I)	richao@iitk.ac.in	TTh 17:00-18:00					
65	CE	<u>DESIGN OF STEEL STRUCTURES</u> <u>(CE371A)</u>	( ESO202A )	SLOT-5 PRF,DC	2-0-0- 0(6)	Chinmoy Kolay(I)	ckolay@iitk.ac.in	WF 14:00-15:00					
66	CE	<u>CONSTRUCTION MANAGEMENT</u> <u>(CE441B)</u>	( CE311A ) AND (CE352A ) AND (CE372A )	OE-2 PRF,DC	3-0-0- 0(5)	SUDHIR MISRA(I)	sud@iitk.ac.in	WF 09:00-10:15					
67	CE	<u>APPLICATION OF GEOTECHNICAL</u> <u>ENGINEERING</u> <u>(CE451A)</u>	( CE351A AND CE352A )	DE-1 DE,PRF	3-0-0- 2(11)	PRIYANKA GHOSH (I)	priyog@iitk.ac.in	MTh 09:00-10:15					
68	CE	<u>SPECIAL TOPICS IN STRUCTURAL DESIGN</u> <u>(CE471A)</u>	( CE272A AND CE371A AND CE372A )	DE-2-2 DE,PRF	3-0-0- 2(11)	SAMIT RAY CHAUDHURI (I)	samitr@iitk.ac.in	MTh 10:30-12:00					
69	CE	<u>TRANSPORTATION FACILITIES DESIGN</u> <u>(CE481A)</u>	( CE382A )	DE-3-1 DE,PRF	3-0-0- 2(11)	PARTHA CHAKROBORTY (I), SYAM NAIR(O)		MTh 12:00-13:15					
70	CE	<u>UNDER GRADUATE RESEARCH -I</u> <u>(CE491A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(9)	SUDIB KUMAR MISHRA(I)	smishra@iitk.ac.in						
71	CE	<u>UNDER GRADUATE RESEARCH -II</u>		SLOT-	0-0-0-	SUDIB KUMAR	smishra@iitk.ac.in						

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		<u>(CE492A)</u>		BLANK DE,PRF	0(9)	MISHRA(I)							
72	CE	<u>UNDER GRADUATE RESEARCH -IV (CE493A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(9)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
73	CE	<u>MATHEMATICS FOR CIVIL ENGINEERS (CE603A)</u>		PG-13 DE,PRF,OE	2-0-0- 0(5)	VINAY KUMAR GUPTA (I)	vinaykg@iitk.ac.in	M 10:35-11:50					
74	CE	<u>NUMERICAL METHODS FOR CIVIL ENGINEERS (CE604A)</u>		PG-2 DE,PRF,OE	2-0-0- 0(5)	RAJESH SRIVASTAVA (I)	rajeshs@iitk.ac.in	M 09:00-10:15					
75	CE	<u>PROBABILITY AND STATISTICS FOR CIVIL ENGINEERS (CE605A)</u>		PG-6 DE,PRF,OE	2-0-0- 0(5)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in	W 10:30-12:00					
76	CE	<u>OPTIMIZATION METHODS FOR CIVIL ENGINEERS (CE606A)</u>	( MTH101A AND MTH102A )	PG-1 DE,PRF,OE	3-0-0- 0(5)	SUPARNO MUKHOPADHYAY(I)	suparno@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
77	CE	<u>ADVANCED HYDROLOGY (CE610A)</u>		PG-12 DE,PRF,OE	3-0-0- 0(9)	ASHU JAIN (I)	ashujain@iitk.ac.in	T 11:00-12:00 ,W 16:00-17:00 ,Th 17:00-18:00					
78	CE	<u>ADVANCED HYDRAULICS (CE611A)</u>		PG-10 DE,PRF,OE	3-0-0- 0(9)	Gourabananda Pahar(I)	gpahar@iitk.ac.in	TWTh 08:00-09:00					
79	CE	<u>SEDIMENT TRANSPORTATION (CE616A)</u>		PG-15 DE,PRF,OE	3-0-0- 0(9)	RAJESH SRIVASTAVA (I), SHIVAM TRIPATHI(O)	rajeshs@iitk.ac.in	TTh 15:30-17:00					
80	CE	<u>STRUCTURAL DYNAMICS (CE620A)</u>		PG-10 DE,PRF,OE	3-0-0- 0(9)	VINAY KUMAR GUPTA (I)	vinaykg@iitk.ac.in	TWTh 08:00-09:00					
81	CE	<u>ENGINEERING MECHANICS (CE621A)</u>		PG-15 DE,PRF,OE	3-0-0- 0(9)	DURGESH C RAI (I)	dcrai@iitk.ac.in	TTh 15:30-17:00					
82	CE	<u>ADVANCED GEOTECHNICAL ENGINEERING (CE631A)</u>		PG-14 DE,PRF,OE	3-0-0- 0(9)	RAJESH SATHIYAMOORTHY(I)	hsrajesh@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
83	CE	<u>GROUND IMPROVEMENT TECHNIQUES (CE634A)</u>		PG-15 DE,PRF,OE	3-0-0- 0(9)	NIHAR RANJAN PATRA (I)	nrpatra@iitk.ac.in	TTh 15:30-17:00					
84	CE	<u>GEOTECHNICAL MEASUREMENTS (CE638A)</u>		PG-10 DE,PRF,OE	2-0-3- 0(9)	ARGHYA DAS(I), NIHAR RANJAN PATRA (O)	arghya@iitk.ac.in	TTh 08:00-09:00				W 14:00-17:00	
85	CE	<u>INFRASTRUCTURE ASSET MANAGEMENT (CE640A)</u>		PG-15 DE,PRF,OE	2-0-0- 0(6)	SUDHIR MISRA(I)	sud@iitk.ac.in	TTh 15:30-17:00					

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								Time	Venue	Time	Venue	Time	Venue
86	CE	<u>PROJECT MANAGEMENT</u> (CE641A)		PG-5 DE,PRF,OE	3-0-0- 0(5)	HARISH K V(I)	kvharish@iitk.ac.in	WF 09:00-10:15					
87	CE	<u>SPECIAL CONCRETES</u> (CE651A)		PG-13 DE,PRF,OE	3-0-0- 0(9)	HARISH K V(I)	kvharish@iitk.ac.in	MTh 14:00-15:15					
88	CE	<u>PHYSICO-CHEMICAL PRINCIPLES AND PROCESS</u> (CE664A)		PG-15 DE,PRF,OE	3-0-0- 0(9)	ABHAS SINGH(I)	abhas@iitk.ac.in	TTh 15:30-17:00					
89	CE	<u>ECOLOGICAL AND BIOLOGICAL PRINCIPLES AND PROCESS</u> (CE665A)		PG-12 DE,PRF,OE	3-0-0- 0(9)	VINOD TARE (I)	vinod@iitk.ac.in	T 11:00-12:00 ,W 16:00-17:00 ,Th 17:00-18:00					
90	CE	<u>AIR POLLUTION AND ITS CONTROL</u> (CE666A)		PG-14 DE,PRF,OE	3-0-0- 0(9)	SACHCHIDANAND TRIPATHI (I)	snt@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
91	CE	<u>INTRODUCTION TO REMOTE SENSING</u> (CE671A)		PG-12 DE,PRF,OE	3-0-2- 0(11)	Salil Goel(I)	sgoel@iitk.ac.in	T 11:00-12:00 ,W 16:00-17:00 ,Th 17:00-18:00				F 15:00-17:00	
92	CE	<u>GEOSPATIAL DATA PROCESSING</u> (CE677A)		PG-10 DE,PRF,OE	3-0-0- 0(9)	ONKAR DIKSHIT (I)	onkar@iitk.ac.in	TWTh 08:00-09:00					
93	CE	<u>INTRODUCTION TO GEODESY</u> (CE678A)		PG-15 DE,PRF,OE	3-0-0- 0(9)	NAGARAJAN BALASUBRAMANIAN(I)	nagaraj@iitk.ac.in	TTh 15:30-17:00					
94	CE	<u>CHARACTERIZATION OF PAVEMENT MATERIALS</u> (CE681A)	( CE382A )	PG-14 DE,PRF,OE	3-0-0- 0(9)	SYAM NAIR(I)	syamnair@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
95	CE	<u>ANALYSIS OF PAVEMENT STRUCTURES</u> (CE682A)		PG-15 DE,PRF,OE	3-0-0- 0(9)	ANIMESH DAS (I)	adas@iitk.ac.in	TTh 15:30-17:00					
96	CE	<u>TRAFFIC ENGINEERING</u> (CE683A)		PG-12 DE,PRF,OE	3-0-0- 0(9)	PARTHA CHAKROBORTY (I)	partha@iitk.ac.in	T 11:00-12:00 ,W 16:00-17:00 ,Th 17:00-18:00					
97	CE	<u>TRANSPORTATION ECONOMICS</u> (CE686A)		PG-13 DE,PRF,OE	3-0-0- 0(9)	VINOD VASUDEVAN(I)	vinodv@iitk.ac.in	MTh 14:00-15:15					
98	CE	<u>M TECH SEMINAR I</u> (CE697A)		SLOT- BLANK DE,PRF	0-0-0- 0(0)	SUDIB KUMAR MISHRA(I)	smishra@iitk.ac.in						
99	CE	<u>M. TECH THESIS</u> (CE699)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SUDIB KUMAR MISHRA(I), SHIVAM TRIPATHI(O)							
100	CE	<u>FINITE ELEMENT METHODS IN CIVIL</u>		PG-14	3-0-0-	SUDIB KUMAR	smishra@iitk.ac.in	T 14:00-15:15 ,M					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>ENGINEERING (CE723A)</u>		DE,PRF,OE	0(9)	MISHRA(I)		15:30-17:00					
101	CE	<u>LITERATURE SEARCH AND REVIEW (CE791A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(5)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
102	CE	<u>SCIENTIFIC WRITING SKILLS (CE792A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(5)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
103	CE	<u>SCIENTIFIC PRASENTATION SKILLS (CE793A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(5)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
104	CE	<u>SCIENTIFIC DATA ANALYSIS, PRESENTATION AND INTERPRETATION (CE794A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(5)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
105	CE	<u>PHD SEMINAR I (CE797A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(0)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
106	CE	<u>PHD SEMINAR II (CE798A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(0)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
107	CE	<u>PHD THESIS (CE799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
108	CE	<u>MS RESEARCH SEMINAR I (CE897A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(0)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
109	CE	<u>MS - RESEARCH THESIS (CE899)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SHIVAM TRIPATHI(I)	shiva@iitk.ac.in						
110	CE	<u>MECHANICS OF SOLIDS (ESO202A)</u>		ESO-1 ESO/SO	3-1-0- 0(11)	ANURAG GUPTA (I)	ag@iitk.ac.in	MWF 10:00-11:00		Th 10:00-11:00			
111	CE	<u>COMPUTATIONAL METHODS IN ENGINEERING (ESO208A)</u>		ESO-2 ESO/SO	3-1-0- 0(11)	SAUMYEN GUHA (I)	sgha@iitk.ac.in	MWF 11:00-12:00		Th 11:00-12:00			
112	CGS	<u>COMPUTATIONAL TOOLS FOR COGNITIVE SCIENCE</u>		OE-8 PRF	3-0-3- 0(12)	HARISH KARNICK(I)	hk@iitk.ac.in	WF 12:00-13:15					



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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>(CGS600A)</u>											
113	CGS	<u>FOUNDATIONS OF COGNITIVE SCIENCE</u> <u>(CGS601A)</u>		PG-1 PRF	3-0-0- 0(9)	DEVPRIYA KUMAR(I)	devpriya@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00				M 15:30-17:00	
114	CGS	<u>PH.D THESIS</u> <u>(CGS799)</u>		SLOT- BLANK Thesis	0-0-0- 0(0)	DEVPRIYA KUMAR(I)	devpriya@iitk.ac.in						
115	CHE	<u>INTRODUCTION TO CHE AND PROCESS</u> <u>CALCULATION</u> <u>(CHE251A)</u>		3-1 PRF,DC,Mi nor	3-0-0- 0(9)	GOUTAM DEO (I)	goutam@iitk.ac.in	MWF 12:00-13:00					
116	CHE	<u>CHEMICAL ENGINEERING COMMUNICATION</u> <u>SKILLS</u> <u>(CHE300A)</u>		SLOT-71 PRF,DC	0-0-2- 0(2)	SIDDHARTHA PANDA (I)	spanda@iitk.ac.in					T 10:00-13:00	
117	CHE	<u>HEAT TRANSFER &amp; ITS APPLICATIONS</u> <u>(CHE312A)</u>	( CHE211A )	SLOT-2 PRF,DC	3-0-0- 0(9)	RAJ GANESH S PALA (I)	rpala@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
118	CHE	<u>MASS TRANSFER &amp; ITS APPLICATIONS</u> <u>(CHE313A)</u>		SLOT-6-1 PRF,DC,Mi nor	3-0-0- 0(9)	SANJEEV GARG (I)	sgarg@iitk.ac.in	W 16:00-17:00 ,TTh 17:00-18:00					
119	CHE	<u>UG PROJECT (UGP-I)</u> <u>(CHE349A)</u>		SLOT- BLANK DE,PRF,DC	0-0-0- 4(4)	ANURAG TRIPATHI(I)	anuragt@iitk.ac.in						
120	CHE	<u>CHEMICAL PROCESS SIMULATION LAB</u> <u>(CHE352A)</u>	( CHE221A )	SLOT-5 PRF,DC	1-0-2- 0(5)	Vishal Agarwal (I)	vagarwal@iitk.ac.in	W 14:00-15:00				ThF 14:00-16:00	
121	CHE	<u>UG PROJECT II</u> <u>(CHE398A)</u>		SLOT- BLANK DE,PRF	0-0-9- 0(9)	ANURAG TRIPATHI(I)	anuragt@iitk.ac.in						
122	CHE	<u>CHEMICAL ENGINEERING DESIGN</u> <u>(CHE453A)</u>		SLOT-1 PRF,DC	3-0-2- 0(11)	Rahul Mangal(I)	mangalr@iitk.ac.in	TWTh 08:00-09:00				MT 14:00-17:00	
123	CHE	<u>ELECTRONIC POLYMERIC &amp; CERAMIC</u> <u>MATERIALS &amp; PROCESSING</u> <u>(CHE463A)</u>		DE-1 DE,PRF	3-0-0- 0(9)	SRI SIVAKUMAR (I)	srisiva@iitk.ac.in	MTh 09:00-10:15					
124	CHE	<u>UNIT OPERATIONS AND PROCESS CONTROL</u> <u>LABORATORY</u> <u>(CHE492A)</u>	( CHE312A AND CHE313A AND CHE331A )	SLOT-4 PRF,DC	1-0-3- 2(8)	ANURAG TRIPATHI(I), NAVEEN TIWARI(O)	anuragt@iitk.ac.in	W 15:00-16:00				MT 14:00-17:00	
125	CHE	<u>SUMMER IN-PLANT TRAINING</u>		SLOT-	0-0-5-	ANIMANGSU GHATAK	aghatak@iitk.ac.in						

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>(CHE494A)</u>		BLANK DE,PRF	0(5)	(I)							
126	CHE	<u>UNDER GRADUATE PROJECT-III (CHE497A)</u>		SLOT- BLANK DE,PRF	0-0-0- 0(9)	ANURAG TRIPATHI(I)	anuragt@iitk.ac.in						
127	CHE	<u>UNDER GRADUATE PROJECT IV (CHE498A)</u>		SLOT- BLANK DE,PRF	0-0-9- 0(9)	ANURAG TRIPATHI(I)	anuragt@iitk.ac.in						
128	CHE	<u>TRANSPORT PHENOMENA (CHE611A)</u>		PG-3 PRF	3-0-0- 0(9)	YOGESH MORESHWAR JOSHI (I)	joshi@iitk.ac.in	MTh 10:30-12:00					
129	CHE	<u>INTRODUCTION TO HYDRODYNAMIC STABILITY (CHE614A)</u>		OE-8 DE,PRF,OE	3-0-0- 0(9)	VISWANATHAN SHANKAR (I)	vshankar@iitk.ac.in	WF 12:00-13:15					
130	CHE	<u>THERMODYNAMICS (CHE621A)</u>		PG-12 PRF	3-0-0- 0(9)	PANKAJ A APTE (I)	papte@iitk.ac.in	T 11:00-12:00 ,WF 16:00-17:00					
131	CHE	<u>CHEMICAL REACTION ENGINEERING (CHE631A)</u>		PG-6 PRF	3-0-0- 0(9)	ANIMANGSU GHATAK (I)	aghatak@iitk.ac.in	WF 10:30-12:00					
132	CHE	<u>ANALYTICAL &amp; MATERIAL CHARACTERIZATION TECHNIQUES OF ENGINEERS (CHE661A)</u>		OE-2 PRF,OE	3-0-0- 0(9)	RAJU KUMAR GUPTA(I)	guptark@iitk.ac.in	WF 09:00-10:15					
133	CHE	<u>SPECIAL TOPICS (CHE679A)</u>		PG-2 PRF	3-0-0- 0(9)	INDRANIL SAHA DALAL(I)	indrasd@iitk.ac.in	MTh 09:00-10:15					
134	CHE	<u>M TECH THESIS (CHE699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	NITIN KAISTHA (I), ANURAG TRIPATHI(O)							
135	CHE	<u>M. TECH. SEMINAR (CHE701A)</u>		SLOT- BLANK PRF,DC	0-0-0- 0(0)	SIDDHARTHA PANDA (I)	spanda@iitk.ac.in					T 17:00-18:00	
136	CHE	<u>PHD THESIS (CHE799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	NITIN KAISTHA (I)	nkaistha@iitk.ac.in						
137	CHE	<u>PHD SEMINAR (CHE801A)</u>		SLOT- BLANK PRF,DC	0-0-0- 0(0)	NITIN KAISTHA (I)	nkaistha@iitk.ac.in					Th 17:00-18:00	
138	CHE	<u>THERMODYNAMICS</u>		ESO-1	3-1-0-	ASHOKE DE (I), Faculty	ashoke@iitk.ac.in	MWF 10:00-11:00		Th 10:00-11:00			

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>(ESO201A)</u>		ESO/SO	0(11)	Test Case(O)							
139	CHM	<u>CHEMISTRY LABORATORY (CHM101A)</u>		OE-1 IC	0-0-3-0(3)	MANAS KUMAR GHORAI (I)	mkghorai@iitk.ac.in					MTWTh	14:00-17:00
140	CHM	<u>GENERAL CHEMISTRY (CHM102A)</u>		CHM102A IC	2-1-0-0(8)	RAJA ANGAMUTHU(I), MANABENDRA CHANDRA(O)	raja@iitk.ac.in	TF 08:00-09:00		Th 08:00-09:00			
141	CHM	<u>BASIC ORGANIC CHEMISTRY-I (CHM203A)</u>		3-1 PRF	3-0-0-0(9)	RAMESH RAMAPANICKER (I)	rameshr@iitk.ac.in	MWF 12:00-13:00					
142	CHM	<u>ORGANIC CHEMISTRY I (CHM303A)</u>	( CHM203A OR CHM202A )	SLOT-2 DC	3-0-0-0(9)	DATTATRAYA H DETHE(I)	ddethe@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
143	CHM	<u>ORGANIC QUALITATIVE &amp; QUANTITATIVE ANALYSIS (CHM305A)</u>		SLOT-71 PRF,DC	0-0-6-0(6)	M L N RAO (I)	maddali@iitk.ac.in					WTh	14:00-17:00
144	CHM	<u>PHYSICAL CHEMISTRY I (CHM321A)</u>		3-1-1 PRF,DC	3-0-0-0(9)	NISANTH N NAIR (I)	nnair@iitk.ac.in	MWF 10:00-11:00					
145	CHM	<u>INORGANIC CHEMISTRY I (CHM345A)</u>	( CHM242A )	OE-1 PRF,DC	3-0-0-0(9)	ASHIS KUMAR PATRA(I)	akpatra@iitk.ac.in	MWF 17:00-18:00					
146	CHM	<u>CHEMISTRY COMMUNICATION SKILLS (CHM361A)</u>		SLOT-71 PRF,DC	0-0-2-0(2)	DEBABRATA GOSWAMI (I)	dgoswami@iitk.ac.in						
147	CHM	<u>UNDER GRADUATE PROJECT-I (CHM391A)</u>		SLOT-BLANK PRF	0-0-4-0(4)	DEBABRATA GOSWAMI (I)	dgoswami@iitk.ac.in						
148	CHM	<u>PHYSICAL CHEMISTRY LABORATORY (CHM423A)</u>		SLOT-71 PRF,DC	0-0-6-0(6)	PRATIK SEN (I)	psen@iitk.ac.in					MT	14:00-17:00
149	CHM	<u>UNDER GRADUATE PROJECT-III (CHM491A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	DEBABRATA GOSWAMI (I)	dgoswami@iitk.ac.in						
150	CHM	<u>ORGANIC PREPARATION LAB (CHM503A)</u>		SLOT-BLANK PRF	0-0-6-0(6)	VEEJENDRA KUMAR YADAV (I)	vijendra@iitk.ac.in					MT	14:00-17:00
151	CHM	<u>MATHEMATICS FOR CHEMISTRY (CHM521A)</u>		DE-3 DE,PRF,DC	3-0-0-0(9)	DEBABRATA GOSWAMI (I)	dgoswami@iitk.ac.in	MTh 12:00-13:15					
152	CHM	<u>MATHEMATICS FOR CHEMISTRY (CHM600A)</u>		DE-3 DE,PRF,DC	3-0-0-0(9)	DEBABRATA GOSWAMI (I)	dgoswami@iitk.ac.in	MTh 12:00-13:15					
153	CHM	<u>PRINCIPALES OF ORGANIC CHEMISTRY</u>		PG-15	3-0-0-	J NARASIMHA	moorthy@iitk.ac.in	TTh 15:30-17:00					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>(CHM609A)</u>		PRF	0(9)	MOORTHY (I)							
154	CHM	<u>PHYSICAL ORGANIC CHEMISTRY</u> <u>(CHM611A)</u>		PG-1 DE,PRF	3-0-0- 0(9)	ANAND SINGH(I)	anands@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
155	CHM	<u>CHEMICAL BINDING</u> <u>(CHM621A)</u>	( CHM321A OR CHM421 )	PG-9 PRF	3-0-0- 0(9)	S MANOGARAN (I)	sm@iitk.ac.in	WF 17:00-18:30					
156	CHM	<u>CHEMICAL KINETICS</u> <u>(CHM622A)</u>		PG-7 PRF	3-0-0- 0(9)	KESHAVAMURTHY SRIHARI (I)	srihari@iitk.ac.in	W 12:00-13:00 ,F 14:00-15:00 ,T 17:00-18:00					
157	CHM	<u>PRINCIPLES OF PHYSICAL CHEMISTRY</u> <u>(CHM629A)</u>		PG-14 PRF	3-0-0- 0(9)	AMALENDU CHANDRA (I)	amalen@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
158	CHM	<u>APPLICATIONS OF MODERN INSTRUMENTAL METHODS</u> <u>(CHM631A)</u>		PG-5 DE,PRF	3-0-0- 0(9)	SANKAR PRASAD RATH (I), SABUJ KUMAR KUNDU(O)		WF 09:00-10:15					
159	CHM	<u>BIO-INORGANIC CHEMISTRY</u> <u>(CHM646A)</u>		PG-10 PRF	3-0-0- 0(9)	R N MUKHERJEE(I)	rnm@iitk.ac.in	TWTh 08:00-09:00					
160	CHM	<u>PRINCIPALES OF INORGANIC CHEMISTRY</u> <u>(CHM649A)</u>		PG-15 PRF	3-0-0- 0(9)	JITENDRA BERA(I)	jbera@iitk.ac.in	TTh 15:30-17:00					
161	CHM	<u>CRYSTAL AND MOLECULAR STRUCTURE DETERMINATION</u> <u>(CHM651A)</u>		PG-14 PRF	3-0-0- 0(9)	P K BHARADWAJ (I)	pkb@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
162	CHM	<u>MODERN PHYSICAL METHODS IN CHEMISTRY</u> <u>(CHM664A)</u>		PG-6 PRF	3-0-0- 0(9)	THIRUVANCHERIL G GOPAKUMAR(I)	gopan@iitk.ac.in	WF 10:30-12:00					
163	CHM	<u>ADVANCED MAIN GROUP CHEMISTRY</u> <u>(CHM668A)</u>	( CHM345A )	PG-12 PRF	3-0-0- 0(9)	ANANTHARAMAN GANAPATHI (I)	garaman@iitk.ac.in	T 11:00-12:00 ,WF 16:00-17:00					
164	CHM	<u>INTRODUCTION TO BIONANOTECHNOLOGY</u> <u>(CHM676A)</u>		OE-2 PRF	3-0-0- 0(9)	SANDEEP VERMA (I)	sverma@iitk.ac.in	WF 09:00-10:15					
165	CHM	<u>BASIC BIOLOGICAL CHEMISTRY</u> <u>(CHM681A)</u>		PG-11 PRF	3-0-0- 0(0)	R GURUNATH (I)	gurunath@iitk.ac.in	WF 15:00-16:00 ,M 17:00-18:00					
166	CHM	<u>RESEARCH</u> <u>(CHM799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	MANAS KUMAR GHORAI (I)	mkghorai@iitk.ac.in						
167	CHM	<u>GENERAL SEMINAR</u> <u>(CHM800A)</u>		SLOT- BLANK PRF	0-0-0- 0(0)	MANAS KUMAR GHORAI (I)	mkghorai@iitk.ac.in						

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
168	CHM	<u>GRADUATE SEMINAR (CHM801A)</u>		SLOT-BLANK PRF	0-0-0-0(0)	MANAS KUMAR GHORAI (I)	mkghorai@iitk.ac.in						
169	COM	<u>COMMUNICATION SKILLS: COMPOSITION (COM200)</u>		COM200 IC	1-0-2-0(5)	MINI CHANDRAN (I)	minic@iitk.ac.in					T 10:00-12:00	
170	CSE	<u>MATHEMATICS FOR COMPUTER SCIENCE -I (CS201A)</u>		RM101 PRF,DC	3-0-0-0(9)	RAJAT MITTAL (I)	rmittal@iitk.ac.in	MTh 12:00-13:00 ,F 17:00-18:00					
171	CSE	<u>MATHEMATICS FOR COMPUTER SCIENCE -II (CS202A)</u>		3-1-2 PRF,DC	3-0-0-0(5)	SUBHAJIT ROY (I)	subhajit@iitk.ac.in	TWF 12:00-13:00					
172	CSE	<u>MATHEMATICS FOR COMPUTER SCIENCE -III (CS203B)</u>		3-1-2 PRF,DC	3-0-0-0(5)	SURENDER BASWANA (I)	sbaswana@iitk.ac.in	TWF 12:00-13:00					
173	CSE	<u>COMPUTING LABORATORY II (CS252A)</u>	( ESC101A AND CS251A )	3-3 PRF,DC	1-0-3-0(6)	Nisheeth Srivastava (I)	nsrivast@iitk.ac.in					MW 14:00-17:00	
174	CSE	<u>TECHNICAL COMMUNICATION (CS300A)</u>		SLOT-71 PRF,DC	0-0-2-0(2)	SANDEEP KUMAR SHUKLA (I)	sandeeps@iitk.ac.in					T 10:00-12:00	
175	CSE	<u>OPERATING SYSTEMS (CS330A)</u>	( ESC101A ) AND ( CS210A OR ESO207A ) AND (CS220A )	SLOT-1 PRF,DC	3-0-3-0(12)	Debadatta Mishra(I)	debam@iitk.ac.in	TWTh 08:00-09:00					
176	CSE	<u>THEORY OF COMPUTATION (CS340A)</u>	( ESC101A ) AND ( CS210A OR ESO207A )	SLOT-2 PRF,DC	3-0-0-0(9)	SUNIL EASAW SIMON (I)	simon@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
177	CSE	<u>ALGORITHMS -II (CS345A)</u>	( ESC101A ) AND ( CS210A OR ESO207A )	RM101-1 PRF,DC	3-0-0-0(9)	SHASHANK K MEHTA (I)	skmehta@iitk.ac.in	MWF 09:00-10:00					
178	CSE	<u>PRINCIPLES OF PROGRAMMING LANGAUGES (CS350A)</u>	( CS210A OR ESO207A )	DE-6 DE,PRF	3-0-0-0(9)	SATYADEV NANDAKUMAR (I)	satyadev@iitk.ac.in	W (KD101) F (KD101) 15:30-17:00	KD101				
179	CSE	<u>UG PROJECT (UGP-I) (CS395A)</u>		SLOT-BLANK PRF	0-0-0-0(4)	NITIN SAXENA (I)	nitin@iitk.ac.in						
180	CSE	<u>COMPUTER NETWORKS</u>	( ESC101A )	DE-3	3-0-0-	DHEERAJ SANGHI (I)	dheeraj@iitk.ac.in	MTh 12:00-13:15					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>(CS425A)</u>	AND ( CS210A OR ESO207A )	DE,PRF	0(9)								
181	CSE	<u>UNDER GRADUATE PROJECT-III (CS498A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	NITIN SAXENA (I)	nitin@iitk.ac.in						
182	CSE	<u>UNDER GRADUATE PROJECT-IV (CS499A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	NITIN SAXENA (I)	nitin@iitk.ac.in						
183	CSE	<u>MATHEMATICS FOR COMPUTER SCIENCE (CS601A)</u>		OE-2 DE,PRF	3-0-0-0(9)	RAGHUNATH TEWARI (I)	rtewari@iitk.ac.in	WF 09:00-10:15					
184	CSE	<u>ADVANCED COMPUTER ARCHITECTURE (CS622A)</u>		OE-8 DE,PRF,OE	3-0-0-0(9)	MAINAK CHAUDHURI (I)	mainakc@iitk.ac.in	W (KD101) F (KD101) 12:00-13:15	KD101				
185	CSE	<u>CYBER SECURITY OF CRITICAL INFRASTRUCTURES (CS631A)</u>		OE-6 DE,PRF,OE	3-0-0-0(9)	SANDEEP KUMAR SHUKLA (I)	sandeeps@iitk.ac.in	WF 15:30-17:00					
186	CSE	<u>TOPICS IN DISTRIBUTED SYSTEMS (CS632A)</u>		OE-3 DE,PRF,OE	3-0-0-0(9)	R K GHOSH (I)	rkg@iitk.ac.in	WF 10:30-12:00					
187	CSE	<u>EMBEDDED AND CYBER-PHYSICAL SYSTEMS (CS637A)</u>		DE-5 DE,PRF,OE	3-0-0-0(9)	INDRANIL SAHA (I)	isaha@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
188	CSE	<u>PARALLEL ALGORITHMS (CS646A)</u>		DE-2 DE,PRF,OE ,Minor	3-0-0-0(9)	SANJEEV SAXENA (I)	ssax@iitk.ac.in	MTh 10:30-12:00					
189	CSE	<u>RANDOMIZED ALGORITHMS (CS648A)</u>		DE-3 DE,PRF,OE ,Minor	3-0-0-0(9)	SURENDER BASWANA (I)	sbaswana@iitk.ac.in	MTh 12:00-13:15					
190	CSE	<u>SECURE MEMORY SYSTEM (CS665A)</u>		DE-1 DE,PRF,OE	3-0-0-0(9)	Biswabandan Panda(I)	biswap@iitk.ac.in	MTh 09:00-10:15					
191	CSE	<u>MACHINE TRANSLATION (CS673A)</u>		OE-8 DE,PRF,OE	3-0-0-0(9)	AJAI JAIN (I)	ajain@iitk.ac.in	WF 12:00-13:15					
192	CSE	<u>DATA MINING (CS685A)</u>		DE-2 DE,PRF,OE ,Minor	3-0-0-0(9)	ARNAB BHATTACHARYA (I)	arnabb@iitk.ac.in	M (KD101) Th (KD101) 10:30-12:00	KD101				
193	CSE	<u>ADVANCED DATA MANAGEMENT (CS698F)</u>		DE-4 DE	3-0-0-0(9)	MEDHA ATRE (I)	atrem@iitk.ac.in	MTh 14:00-15:15					
194	CSE	<u>TYPES IN PROGRAMMING LANGUAGES AND</u>		DE-8	3-0-0-	ANIL SETH (I)	seth@iitk.ac.in	WF 12:00-13:15					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>THEOREM PROVING (CS698J)</u>		DE,PRF,OE	0(9)								
195	CSE	<u>DESIGNING VERIFIABLE SECURE SYSTEMS (CS698K)</u>		DE-4 DE,PRF,OE	3-0-0-0(9)	SANDEEP KUMAR SHUKLA (I)	sandeeps@iitk.ac.in	MTh 14:00-15:15					
196	CSE	<u>M TECH THESIS (CS699)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SUMIT GANGULY (I), NITIN SAXENA (O)	sganguly@iitk.ac.in						
197	CSE	<u>INTRODUCTION TO GAME THEORY AND MECHANISM DESIGN (CS711A)</u>		DE-4 DE,PRF,OE	3-0-0-0(9)	Swaprava Nath(I)	swaprava@iitk.ac.in	M (KD101) Th (KD101) 14:00-15:15	KD101				
198	CSE	<u>TIPICS IN INTERNET TECHNOLOGIES (CS727A)</u>		DE-4 DE,PRF,OE	3-0-0-0(9)	T V PRABHAKAR (I)	tvp@iitk.ac.in	MTh 14:00-15:15					
199	CSE	<u>ADVANCED COMPILER OPTIMIZATIONS (CS738A)</u>		OE-3 PRF	3-0-0-0(9)	AMEY KARKARE (I)	karkare@iitk.ac.in	F 10:30-11:50 ,W 10:35-11:50					
200	CSE	<u>RIEMANN HYPOTHESIS AND ITS APPLICATIONS (CS746A)</u>		PG-9 DE,PRF	3-0-0-0(9)	MANINDRA AGRAWAL (I)	manindra@iitk.ac.in	WF 18:00-19:30					
201	CSE	<u>RANDOMIZED METHODS IN COMPUTATIONAL COMPLEXITY (CS747A)</u>		DE-2 DE,PRF,OE ,Minor	3-0-0-0(9)	NITIN SAXENA (I)	nitin@iitk.ac.in	MTh 10:30-12:00					
202	CSE	<u>INTRODUCTION TO MACHINE LEARNING (CS771A)</u>	( ESO207A OR CS210A )	PG-16 DE,PRF,OE ,Minor	3-0-0-0(9)	PIYUSH RAI (I)	rpiyush@iitk.ac.in	TTh 18:00-19:00					
203	CSE	<u>PHD THESIS (CS799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SUMIT GANGULY (I)	sganguly@iitk.ac.in						
204	CSE	<u>MS - RESEARCH THESIS (CS899)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SUMIT GANGULY (I)	sganguly@iitk.ac.in						
205	CSE	<u>FUNDAMENTAL OF COMPUTING (ESC101A)</u>		3-1-1 IC	3-1-3-0(14)	PURUSHOTTAM KAR (I)	purushot@iitk.ac.in	MWF 12:00-13:00		T 12:00-13:00		MTWTh 14:00-17:00	
206	CSE	<u>DATA STRUCTURE &amp; ALGORITHM (ESO207A)</u>	( ESC101A )	ESO-1 ESO/SO	3-0-3-0(12)	SUMIT GANGULY (I)	sganguly@iitk.ac.in	MWF 10:00-11:00					
207	ECO	<u>MICROECONOMICS I (ECO201A)</u>		3-1 PRF,DC	3-0-0-0(9)	VIMAL KUMAR (I)	vk@iitk.ac.in	MWF 12:00-13:00					
208	ECO	<u>MACROECONOMICS I</u>		HSS II (2)	3-0-0-	SURAJIT SINHA (I)	suraji@iitk.ac.in	MWF 17:00-18:00					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>(ECO221A)</u>		HS2,DC	0(9)								
209	ECO	<u>MICROECONOMICS II (ECO301A)</u>		SLOT-2 PRF,DC	3-0-0-0(9)	SARANI SAHA (I)	sarani@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
210	ECO	<u>MACROECONOMICS-II (ECO321A)</u>	( ECO221A )	SLOT-3-3 PRF,DC	3-0-0-0(9)	WASIM AHMAD(I)	wasimad@iitk.ac.in	T 12:00-13:00 ,WF 16:00-17:00					
211	ECO	<u>ECONOMETRICS I (ECO341A)</u>	( HSO201A OR MSO201A )	SLOT-4-1 PRF,DC	3-0-3-0(12)	MOHAMMAD ARSHAD RAHMAN(I)	marshad@iitk.ac.in	WF 15:00-16:00 ,Th 17:00-18:00				T 14:00-16:00	
212	ECO	<u>TECHNICAL COMMUNICATION (ECO397A)</u>		SLOT-6 PRF	0-0-2-0(2)	VIMAL KUMAR (I)	vk@iitk.ac.in	T 10:00-12:00					
213	ECO	<u>INDUSTRIAL ECONOMICS (ECO411A)</u>	( ECO301A )	SLOT-5-1 PRF,DC	3-0-0-0(9)	JOYDEEP DUTTA (I)	jdutta@iitk.ac.in	WF 14:00-15:00 ,T 17:00-18:00					
214	ECO	<u>INTERNATIONAL ECONOMICS AND FINANCE (ECO412A)</u>	( ECO221A ) AND ( ECO201A OR ECO101A )	SLOT-1 PRF,DC	3-0-0-0(9)	SOMESH KUMAR MATHUR (I)	skmathur@iitk.ac.in	TWTh 08:00-09:00					
215	ECO	<u>UNDER GRADUATE PROJECT-III (ECO498A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	VIMAL KUMAR (I)	vk@iitk.ac.in						
216	ECO	<u>ECONOMIC ANALYSIS OF LAW (ECO504A)</u>	( ECO201A OR ECO221A OR ECO101A )	DE-2 PRF	3-0-0-0(9)	P MURALI PRASAD (I)	pmprasad@iitk.ac.in	MTh 10:30-12:00					
217	ECO	<u>ECONOMIC GROWTH THEORY AND PRACTICE (ECO523A)</u>		DE-2 DE,PRF	3-0-0-0(9)	SOHINI SAHU (I)	ssahu@iitk.ac.in	MTh 10:30-12:00					
218	ECO	<u>M SC THESIS (ECO699)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(9)	VIMAL KUMAR (I)	vk@iitk.ac.in						
219	ECO	<u>ECONOMETRICS (ECO732A)</u>		SLOT-BLANK PRF	3-0-0-0(9)	MOHAMMAD ARSHAD RAHMAN(I)	marshad@iitk.ac.in						
220	ECO	<u>ADVANCES IN MICROECONOMIC THEORY (ECO737A)</u>		SLOT-BLANK	3-0-0-0(9)	SARANI SAHA (I)	sarani@iitk.ac.in						



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								Time	Venue	Time	Venue	Time	Venue
				PRF									
221	ECO	<u>PRODUCTION ECONOMICS (ECO741A)</u>	( ECO101A OR ECO201A OR ECO737A OR MBA606A )	DE-2 PRF	3-0-0-0(9)	DEEP MUKHERJEE(I)	deepm@iitk.ac.in	MTh 10:30-12:00					
222	ECO	<u>ADVANCED MACROECONOMICS (ECO750A)</u>		PG-6 PRF	3-0-0-0(9)	WASIM AHMAD(I)	wasimad@iitk.ac.in	WF 17:00-18:30					
223	ECO	<u>CONTRACT THEORY (ECO755A)</u>		PG-15 PRF	3-0-0-0(9)	PRAVEEN KULSHRESHTHA(I)	pravk@iitk.ac.in	TTh 15:30-17:00					
224	ECO	<u>MATHEMATICAL ANALYSIS FOR ECONOMICS (ECO760A)</u>		OE-4 PRF	3-0-0-0(9)	JOYDEEP DUTTA (I)	jdutta@iitk.ac.in	MTh 14:00-15:15					
225	ECO	<u>PHD THESIS (ECO799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SARANI SAHA (I)	sarani@iitk.ac.in						
226	EE	<u>SIGNALS, SYSTEMS &amp; NETWORKS (EE200A)</u>		3-1-1 PRF,DC,Minor	3-1-0-0(11)	K S VENKATESH (I)	venkats@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00		M 10:00-10:00	
227	EE	<u>PRINCIPLES OF COMMUNICATION (EE320A)</u>	( EE200A )	SLOT-1-1 PRF,DC,Minor	3-1-0-0(11)	KETAN RAJAWAT (I)	ketan@iitk.ac.in	TWTh 08:00-09:00 ,F 15:00-16:00				F 10:00-10:00	
228	EE	<u>POWER SYSTEMS (EE330A)</u>		SLOT-2-2 PRF,DC,Minor	3-1-0-0(11)	ABHEEJEET MOHAPATRA (I)	abheem@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00		Th 11:00-12:00		Th 10:00-10:00	
229	EE	<u>DIGITAL ELECTRONICS (EE370A)</u>		ESO/SO-3 PRF,DC,Minor	3-1-0-0(11)	BAQUER MAZHARI (I)	baquer@iitk.ac.in	MWF 11:00-12:00		T 17:00-18:00			
230	EE	<u>ELECTRICAL ENGINEERING LAB I (EE380A)</u>	( ESC201A AND ESO203A AND EE210A AND EE250A )	SLOT-3-4 PRF,DC	0-2-6-0(12)	YATINDRA NATH SINGH (I)	ynsingh@iitk.ac.in			T 12:00-13:00 ,F 16:00-17:00 ,Th 17:00-18:00		MTWTh 14:00-17:00	

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								Time	Venue	Time	Venue	Time	Venue
231	EE	<u>ELECTRICAL ENGINEERING COMMUNICATION SKILLS (EE390A)</u>		SLOT-71 PRF,DC	0-0-2- 0(2)	ADRISH BANERJEE (I)	adrish@iitk.ac.in					T 10:00-11:00	
232	EE	<u>ELECTRICAL ENGINEERING UNDER GRADUATE PROJECT I (EE391A)</u>		SLOT- BLANK PRF	0-0-2- 0(4)	KASTURI VASUDEVAN (I)	vasu@iitk.ac.in						
233	EE	<u>UNDER GRADUATE PROJECT II (EE392A)</u>		SLOT- BLANK PRF	0-0-0- 0(9)	KASTURI VASUDEVAN (I)	vasu@iitk.ac.in						
234	EE	<u>ELECTRICAL ENGINEERING LAB I (EE480A)</u>		SLOT-3-4 PRF,DM	0-2-6- 0(10)	YATINDRA NATH SINGH (I)	ynsingh@iitk.ac.in	T 12:00-13:00 ,F 16:00-17:00 ,Th 17:00-18:00				MTWTh 14:00-17:00	
235	EE	<u>UNDER GRADUATE PROJECT -III (EE491A)</u>		SLOT- BLANK PRF	0-0-0- 0(9)	KASTURI VASUDEVAN (I)	vasu@iitk.ac.in						
236	EE	<u>UNDER GRADUATE PROJECT-IV (EE492A)</u>		SLOT- BLANK PRF	0-0-0- 0(9)	KASTURI VASUDEVAN (I)	vasu@iitk.ac.in						
237	EE	<u>MATHEMATICAL METHODS IN SIGNAL PROCESSING (EE601A)</u>		DE-1 PRF	3-0-0- 0(9)	KASTURI VASUDEVAN (I)	vasu@iitk.ac.in	MTh 09:00-10:15					
238	EE	<u>STATISTICAL SIGNAL PROCESSING-I (EE602A)</u>		DE-8 PRF	3-0-0- 0(9)	RAJESH MAHANAND HEGDE (I)	rhegde@iitk.ac.in	WF 12:00-13:15					
239	EE	<u>INTRODUCTION TO SIGNAL ANALYSIS (EE605A)</u>		DE-3 PRF	3-0-0- 0(9)	GOVIND SHARMA (I)	govind@iitk.ac.in	MTh 12:00-13:15					
240	EE	<u>WAVELET TRANSFORMS FOR SIGNAL &amp; IMAGE PROCESSING (EE607A)</u>		DE-2 PRF	3-0-0- 0(9)	PRADIP SIRCAR (I)	sircar@iitk.ac.in	MTh 10:30-12:00					
241	EE	<u>ANALOG/DIGITAL VLSI CIRCUITS (EE610A)</u>		DE-4 PRF	3-0-0- 0(9)	SHAFI QURESHI (I)	qureshi@iitk.ac.in	MTh 14:00-15:15					
242	EE	<u>SOLID STATE DEVICES I (EE614A)</u>		DE-3 PRF	3-0-0- 0(9)	Amit Verma(I)	amitkver@iitk.ac.in	MTh 12:00-13:15					
243	EE	<u>SEMICONDUCTOR DEVICE MODELLING (EE616A)</u>		DE-8 PRF	3-0-0- 0(9)	YOGESH SINGH CHAUHAN (I)	chauhan@iitk.ac.in	WF 12:00-13:15					
244	EE	<u>INDUSTRIAL AUTOMATION AND CONTROL (EE617A)</u>		PG-6 PRF	3-0-0- 0(9)	NISHCHAL K VERMA (I)	nishchal@iitk.ac.in	WF 10:30-12:00					

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								Time	Venue	Time	Venue	Time	Venue
245	EE	<u>INTEGRATED CIRCUIT FABRICATION TECHNOLOGY (EE618A)</u>		PG-6 PRF	3-0-0-0(9)	ALOKE DUTTA (I)	aloke@iitk.ac.in	WF 10:30-12:00					
246	EE	<u>REPRESENTATION AND ANALYSIS OF RANDOM SIGNALS (EE621A)</u>		DE-4 PRF	3-0-0-0(9)	Abhishek Gupta(I)	gkrabhi@iitk.ac.in	MTh 14:00-15:15					
247	EE	<u>COMMUNICATION THEORY (EE622A)</u>		DE-6 PRF	3-0-0-0(9)	ADRISH BANERJEE (I)	adrish@iitk.ac.in	WF 15:30-17:00					
248	EE	<u>SIMULATON OF MODERN POWER SYSTEMS (EE630A)</u>		PG-2 PRF	3-0-3-0(12)	S C SRIVASTAVA (I)	scs@iitk.ac.in	MTh 09:00-10:15				T 14:00-16:50	
249	EE	<u>ADVANCED POWER SYSTEM STABILITY (EE631A)</u>		DE-4 PRF	3-0-0-0(9)	SAIKAT CHAKRABARTI (I)	saikatc@iitk.ac.in	MTh 14:00-15:15					
250	EE	<u>ELECTRICAL INSULATION IN POWER APPARATUS AND SYSTEMS (EE634A)</u>		OE-1 PRF,OE	3-0-0-0(9)	NANDINI GUPTA (I)	ngupta@iitk.ac.in	MWF 17:00-18:00					
251	EE	<u>ADVANCED ENGINEERING ELECTROMAGNETICS (EE641A)</u>		PG-6 PRF	3-0-0-0(9)	KUMAR VAIBHAV SRIVASTAVA (I)	kvs@iitk.ac.in	WF 10:30-12:00					
252	EE	<u>ANTENNAS ANALYSIS &amp; SYNTHESIS (EE642A)</u>		PG-5 DE,PRF,Mi nor	3-0-0-0(9)	A R HARISH (I)	arh@iitk.ac.in	WF 09:00-10:15					
253	EE	<u>MONOLITHIC MICROWAVE ICS (EE645A)</u>		DE-2 PRF	3-0-0-0(9)	MD JALEEL AKHTAR (I)	mjakhtar@iitk.ac.in	MTh 10:30-12:00					
254	EE	<u>MICROWAVE MEASUREMENTS AND DESIGN (EE647A)</u>		DE-3 PRF	2-0-3-0(9)	KUMAR VAIBHAV SRIVASTAVA (I)	kvs@iitk.ac.in	MTh 12:00-13:15				T 14:00-17:00	
255	EE	<u>BASICS OF MODERN CONTROL SYSTEMS (EE650A)</u>		DE-1 DE,PRF,Mi nor	3-0-0-0(9)	RAMPRASAD POTLURI (I)	potluri@iitk.ac.in	MTh 09:00-10:15					
256	EE	<u>NONLINEAR SYSTEMS (EE651A)</u>		DE-2 PRF	3-0-0-0(9)	SOUMYA RANJAN SAHOO (I)	srsahoo@iitk.ac.in	MTh 10:30-12:00					
257	EE	<u>DIGITAL CONTROL (EE653A)</u>		OE-8 PRF,OE	3-0-0-0(9)	Laxmidhar Behera(I)	lbehera@iitk.ac.in	WF 12:00-13:15					
258	EE	<u>BASICS OF POWER ELECTRONIC CONVERTERS (EE660A)</u>		PG-6 PRF	3-0-3-0(12)	PARTHASARATHI SENSARMA (I)	sensarma@iitk.ac.in	WF 10:30-12:00				W 14:00-17:00	
259	EE	<u>FUNDAMENTALS OF ELECTRIC DRIVES</u>		PG-5	3-0-0-	S P DAS (I)	spd@iitk.ac.in	WF 09:00-10:15					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>(EE664A)</u>		PRF	0(9)								
260	EE	<u>INFORMATION THEORY</u> <u>(EE667A)</u>		PG-6 PRF	3-0-0- 0(9)	RAKESH K BANSAL (I)	rkb@iitk.ac.in	WF 10:30-12:00					
261	EE	<u>WIRELESS COMMUNICATIONS</u> <u>(EE670A)</u>		PG-10 PRF	3-0-0- 0(9)	ADITYA K JAGANNATHAM (I)	adityaj@iitk.ac.in	TWTh 08:00-09:00					
262	EE	<u>DIGITAL COMMUNICATION NETWORKS</u> <u>(EE673A)</u>		OE-2 PRF,OE	3-0-0- 0(9)	YATINDRA NATH SINGH (I)	ynsingh@iitk.ac.in	WF 09:00-10:15				T 14:00-17:00	
263	EE	<u>MIMO WIRELESS COMMUNICATION</u> <u>(EE677A)</u>		PG-1 PRF	3-0-0- 0(9)	ROHIT BUDHIRAJA (I)	rohitbr@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
264	EE	<u>QUANTUM AND WAVE PHENOMENA</u> <u>(EE683A)</u>		PG-5 PRF	3-0-0- 0(9)	SHILPI GUPTA (I)	shilpig@iitk.ac.in	WF 09:00-10:15					
265	EE	<u>FIBER-OPTIC COMMUNICATIONS</u> <u>(EE684A)</u>		DE-1 DE,PRF	3-0-0- 0(9)	PRADEEP KUMAR K (I)	pradeepk@iitk.ac.in	MTh 09:00-10:15					
266	EE	<u>SEMICONDUCTOR OPTICAL COMMUNICATION DEVICES</u> <u>(EE685A)</u>		DE-5 DE,PRF	3-0-0- 0(9)	UTPAL DAS (I)	utpal@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
267	EE	<u>SMART GRID TECHNOLOGY</u> <u>(EE698D)</u>		DE-2 DE,PRF	3-0-0- 0(9)	Ankush Sharma(I)	ansharma@iitk.ac.in	MTh 10:30-12:00					
268	EE	<u>POWER CONVERTERS FOR CONSUMER ELECTRONIC</u> <u>(EE698X)</u>		DE-3 DE,PRF	3-0-0- 0(9)	SANTANU KUMAR MISHRA (I)	santanum@iitk.ac.in	MTh 12:00-13:15					
269	EE	<u>M TECH THESIS</u> <u>(EE699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	YOGESH SINGH CHAUHAN (I), KASTURI VASUDEVAN (O)	chauhan@iitk.ac.in						
270	EE	<u>PHD THESIS</u> <u>(EE799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	YOGESH SINGH CHAUHAN (I)	chauhan@iitk.ac.in						
271	EE	<u>MS - RESEARCH THESIS</u> <u>(EE899)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	YOGESH SINGH CHAUHAN (I)	chauhan@iitk.ac.in						
272	EE	<u>INTRODUCTION TO ELECTRONICS</u> <u>(ESC201A)</u>		HSS I (2) IC	3-1-3- 0(14)	TANAYA GUHA (I), KASTURI VASUDEVAN (O)	tanaya@iitk.ac.in	MWF 08:00-09:00		Th 08:00-09:00		M 14:00-17:00	
273	EE	<u>INTRODUCTION TO ELECTRICAL ENGINEERING</u> <u>(ESO203A)</u>		ESO-1 ESO/SO	3-1-2- 0(13)	SANDEEP ANAND (I)	asandeep@iitk.ac.in	MWThF 10:00- 11:00					

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								Time	Venue	Time	Venue	Time	Venue
274	ES	<u>CRYSTALLOGRAPHY AND MINERALOGY</u> (ES311A)		ES311A PRF,DC	3-0-2- 0(11)	Deepak Dhingra(I)	ddhingra@iitk.ac.in	MWF 12:00-13:00				WTh 14:00-16:00	
275	ES	<u>UNDER GRADUATE PROJECT -1</u> (ES391A)		SLOT- BLANK UGP-1	0-0-0- 0(4)	ANIMESH MANDAL(I)	animeshm@iitk.ac.in						
276	ES	<u>COMMUNICATION SKILLS IN EARTH SCIENCES</u> (ES400A)		3-2 DC	0-0-2- 0(2)	ANIMESH MANDAL(I)	animeshm@iitk.ac.in	MW 17:00-18:00					
277	ES	<u>STRUCTURAL GEOLOGY</u> (ES411A)		SLOT-1 PRF,DC	2-0-3- 0(9)	SANTANU MISRA (I)	smisra@iitk.ac.in	TTh 08:00-09:00				F 14:00-17:00	
278	ES	<u>SEDIMENTARY PROCESSES &amp; STRATIGRAPHIC PRINCIPLES</u> (ES412A)		ES412A PRF,DC	2-0-2- 0(8)	RAJIV SINHA (I)	rsinha@iitk.ac.in	TTh 12:00-13:00				W 14:00-17:00	
279	ES	<u>ECONOMIC GEOLOGY</u> (ES450A)		3-1 DE,DC	3-0-0- 0(9)	Ishwar Cukkemane(I)	ishwar@iitk.ac.in	MWF 08:00-08:50					
280	ES	<u>AQUEOUS GEOCHEMISTRY</u> (ES643A)		PG-6-1 DE,PRF	3-0-0- 0(9)	INDRA SEKHAR SEN(I)	isen@iitk.ac.in	T 09:00-10:15 ,F 12:00-13:15					
281	ES	<u>REMOTE SENSING AND GIS FOR GEO- RESOURCE EVALUATION COURSE</u> (ES644A)		PG-2 DE,PRF	2-0-3- 0(9)	RAJIV SINHA (I)	rsinha@iitk.ac.in	MTh 09:00-10:15				M 15:35-17:00	
282	ES	<u>COMMUNICATION SKILLS IN EARTH SCIENCES</u> (ES650A)		PG-4 DE,PRF	0-0-0- 0(0)	Ishwar Cukkemane(I)	ishwar@iitk.ac.in	MTh 12:00-13:15					
283	ES	<u>MATHEMATICS FOR EARTH SCIENCES</u> (ES651A)		PG-15 DE,PRF	3-0-0- 0(9)	ANIMESH MANDAL(I)	animeshm@iitk.ac.in	TTh 15:30-17:00					
284	ES	<u>ADVANCED STRUCTURAL GEOLOGY</u> (ES654A)		PG-5 DE,PRF	3-0-0- 0(9)	SANTANU MISRA (I)	smisra@iitk.ac.in	WF 09:00-10:15					
285	ES	<u>SOLID EARTH GEOPHYSICS</u> (ES655A)		PG-6-1 DE,PRF	3-1-0- 0(11)	DIBAKAR GHOSAL(I)	dghosal@iitk.ac.in	WF 10:30-12:00		T 17:00-18:00			
286	ES	<u>NATURAL HAZARDS</u> (ES658A)		PG-3 DE,PRF	3-0-0- 0(9)	JAVED N MALIK (I)	javed@iitk.ac.in	MTh 10:30-12:00					
287	ES	<u>M TECH THESIS</u> (ES699)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SANTANU MISRA (I), ANIMESH MANDAL(O)							
288	ES	<u>PH D THESIS</u> (ES799)		SLOT- BLANK	0-0-0- 0(0)	SANTANU MISRA (I)	smisra@iitk.ac.in						

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								Time	Venue	Time	Venue	Time	Venue
				PRF,Thesis									
289	ES	<u>FUNDAMENTALS OF EARTH SCIENCES</u> (ESO213A)		ESO-2 ESO/SO	3-0-0- 0(9)	DEBAJYOTI PAUL (I)	dpaul@iitk.ac.in	MWF 11:00-12:00					
290	HSS	<u>ELEMENTS OF VISUAL REPRESENTATION</u> (ART106A)		HSS I (2) HS1	3-1-0- 0(11)	RITWIJ BHOWMIK(I)	ritwij@iitk.ac.in	MWF 08:00-09:00		Th 08:00-09:00			
291	HSS	<u>MODERN ART</u> (ART402A)		HSS II (1) HS2	3-0-0- 0(9)	SATYAKI ROY (I)	satyaki@iitk.ac.in	TWF 12:00-13:00					
292	HSS	<u>ART CRITICISM: THEORY AND PRACTICE</u> (ART406A)		HSS II (2) HS2	3-0-0- 0(9)	SHATARUPA THAKURTA ROY (I)	stroy@iitk.ac.in	MWF 17:00-18:00					
293	HSS	<u>METHODOLOGY: ART CRITICISM &amp; APPRECIATION</u> (ART701A)		PG-10 PRF	3-0-0- 0(9)	SHATARUPA THAKURTA ROY (I)	stroy@iitk.ac.in	TWTh 08:00-09:00					
294	HSS	<u>MODERN FAR-EASTERN ART</u> (ART705A)		PG-8 PRF	3-0-0- 0(9)	RITWIJ BHOWMIK(I)	ritwij@iitk.ac.in	TF 12:00-13:00 ,W 14:00-15:00					
295	HSS	<u>VISUAL ETHNOGRAPHY</u> (ART706A)		PG-2 PRF	2-0-2- 0(9)	SATYAKI ROY (I)	satyaki@iitk.ac.in	MTh 09:00-10:15					
296	HSS	<u>RESEARCH METHODS IN VISUAL CULTURE</u> (ART708A)		PG-15 PRF	2-0-3- 0(9)	KOUMUDI PATIL (I)	kppatil@iitk.ac.in	TTh 15:30-17:00					
297	HSS	<u>INTRODUCTION TO LITERATURE</u> (ENG123A)		HSS I (2) HS1	3-1-0- 0(11)	SUCHITRA MATHUR (I)	suchitra@iitk.ac.in	MWF 08:00-09:00		Th 08:00-09:00			
298	HSS	<u>AUTOBIOGRAPHICAL LITERATURE</u> (ENG460A)		HSS II (2) HS2	3-0-0- 0(9)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in	MWF 17:00-18:00					
299	HSS	<u>APPLIED LINGUISTICS</u> (ENG708A)		PG-15 PRF	3-0-0- 0(9)	SUDHARSHANA N P(I)	sudh@iitk.ac.in	TTh 15:30-17:00					
300	HSS	<u>LINGUISTIC ANALYSIS</u> (ENG709A)		PG-6 PRF	3-0-0- 0(9)	CHAITHRA PUTTASWAMY (I)	chai@iitk.ac.in	WF 10:30-12:00					
301	HSS	<u>METHODOLOGY OF TEACHING AND RESEARCH IN LITERATURE</u> (ENG715A)		PG-3 PRF	3-0-0- 0(9)	G NEELAKANTAN (I)	gn@iitk.ac.in	MTh 10:30-12:00					
302	HSS	<u>INDIVIDUAL PROJECTS</u> (ENG716A)		PG-9 PRF	3-0-0- 0(9)	ACHLA MISRI RAINA(I)	achla@iitk.ac.in	WF 17:00-18:30					
303	HSS	<u>COMMONWEALTH LITERATURE</u> (ENG735A)		PG-4 PRF	3-0-0- 0(9)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in	MTh 12:00-13:15					
304	HSS	<u>RESPONSIBLE DISSENT</u> (ENG742A)		PG-6 PRF	3-0-0- 0(9)	SUCHITRA MATHUR (I)	suchitra@iitk.ac.in	WF 10:30-12:00					

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								Time	Venue	Time	Venue	Time	Venue
305	HSS	<u>HISTORY OF LINGUISTIC THOUGHT (ENG759A)</u>		PG-4 PRF	3-0-0-0(9)	ACHLA MISRI RAINA(I)	achla@iitk.ac.in	MTh 12:00-13:15					
306	HSS	<u>PERSPECTIVES OF THE POSTHUMAN AND / IN THE ANTHROPOCENE (ENG777A)</u>		HSS II (1) HS2	3-0-0-0(9)	T RAVICHANDRAN (I)	trc@iitk.ac.in	TWF 12:00-13:00					
307	HSS	<u>PHD THESIS (ENG799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in						
308	HSS	<u>PHD THESIS (FA799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in						
309	HSS	<u>PHILOSOPHY OF SCIENCE (PHI446A)</u>		HSS II (1) HS2	3-0-0-0(9)	A V RAVISHANKAR SARMA (I)	avrs@iitk.ac.in	TWF 12:00-13:00					
310	HSS	<u>CONTEMPORARY EPISTEMOLOGY (PHI758A)</u>		PG-15 PRF	3-0-0-0(9)	A V RAVISHANKAR SARMA (I)	avrs@iitk.ac.in	TTh 15:30-17:00					
311	HSS	<u>SOCIAL AND POLITICAL PHILOSPHY (PHI774A)</u>		PG-12 PRF	3-0-0-0(9)	VINEET SAHU (I)	vineet@iitk.ac.in	T 11:00-12:00 ,WF 16:00-17:00 ,Th 17:00-18:00					
312	HSS	<u>PHD THESIS (PHI799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in						
313	HSS	<u>INTRODUCTION TO PSYCHOLOGY (PSY151A)</u>		HSS I (2) HS1	3-1-0-0(11)	ARK VERMA(I)	arkverma@iitk.ac.in	MWF 08:00-09:00		Th 08:00-09:00			
314	HSS	<u>PSYCHOLOGY OF ADJUSTMENT (PSY451A)</u>		HSS II (2) HS2	3-0-0-0(9)	BRAJ BHUSHAN (I)	brajb@iitk.ac.in	MWF 17:00-18:00					
315	HSS	<u>SOCIAL PSYCHOLOGY (PSY454A)</u>		HSS II (1) HS2	3-0-0-0(9)	DEVPRIYA KUMAR(I)	devpriya@iitk.ac.in	TWF 12:00-13:00					
316	HSS	<u>SOCIAL COGNITION (PSY468A)</u>		HSS II (1) HS2	3-0-0-0(9)	SHIKHA DIXIT (I)	shikha@iitk.ac.in	TWF 12:00-13:00					
317	HSS	<u>BILINGUALISM (PSY770A)</u>		PG-6 PRF	3-0-0-0(9)	ARK VERMA(I)	arkverma@iitk.ac.in	WF 10:30-12:00					
318	HSS	<u>GROUNDRED THEORY METHODOLOGY (PSY771A)</u>		PG-15 PRF	3-0-0-0(9)	KUMAR RAVI PRIYA (I)	krp@iitk.ac.in	TTh 15:30-17:00					
319	HSS	<u>SEMINAR COURSE IN PSYCHOLOGY (PSY776A)</u>		PG-3 PRF	3-0-0-0(9)	BRAJ BHUSHAN (I)	brajb@iitk.ac.in	MTh 10:30-12:00					
320	HSS	<u>LEARNING MEMORY AND COGNITION</u>		PG-5	3-0-0-	DEVPRIYA KUMAR(I)	devpriya@iitk.ac.in	WF 09:00-10:15					

**Course Schedule 2018-19/1 Semester (Pr-registration)\***

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								Time	Venue	Time	Venue	Time	Venue
		<u>(PSY789A)</u>		PRF	0(9)								
321	HSS	<u>PHD THESIS (PSY799)</u>		SLOT-BLANK PRF, Thesis	0-0-0-0(0)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in						
322	HSS	<u>INTRODUCTION TO INDIAN SOCIETY (SOC173A)</u>		HSS I (2) HS1	3-1-0-0(11)	MUNMUN JHA (I)	mjha@iitk.ac.in	MWF 08:00-09:00		Th 08:00-09:00			
323	HSS	<u>INDIAN SOCIETY AND CULTURE (SOC473A)</u>		HSS II (2) HS2	3-0-0-0(9)	BINAY KUMAR PATNAIK (I)	binay@iitk.ac.in	MWF 17:00-18:00					
324	HSS	<u>POPULATION, ECONOMY AND SOCIETY (SOC479A)</u>		HSS II (1) HS2	3-0-0-0(9)	A K SHARMA(I)	arunk@iitk.ac.in	TWF 12:00-13:00					
325	HSS	<u>SOCIOLOGY OF THE NEW MEDIA (SOC484A)</u>		HSS II (2) HS2	3-0-0-0(9)	JILLET SARAH SAM(I)	jssam@iitk.ac.in	MWF 17:00-18:00					
326	HSS	<u>SOCIOLOGICAL THEORY (SOC721A)</u>		PG-4 PRF	3-0-0-0(9)	BINAY KUMAR PATNAIK (I)	binay@iitk.ac.in	MTh 12:00-13:15					
327	HSS	<u>SOCIAL THEORY IN LATE TWENTIETH CENTURY (SOC745A)</u>		PG-6 PRF	3-0-0-0(9)	JILLET SARAH SAM(I)	jssam@iitk.ac.in	WF 10:30-12:00					
328	HSS	<u>SOCIOLOGY OF RELIGION (SOC750A)</u>		PG-3 PRF	3-0-0-0(9)	ANINDITA CHAKRABARTI (I)	aninditac@iitk.ac.in	MTh 10:30-12:00					
329	HSS	<u>APPLIED STATISTICS FOR SOCIOLOGISTS AND OTHER SOCIAL SCIENTISTS (SOC752A)</u>		PG-15 PRF	3-0-0-0(9)	A K SHARMA(I)	arunk@iitk.ac.in	TTh 15:30-17:00					
330	HSS	<u>PHD THESIS (SOC799)</u>		SLOT-BLANK PRF, Thesis	0-0-0-0(0)	SAYAN CHATTOPADHYAY(I)	sayanc@iitk.ac.in						
331	IME	<u>PROBABILITY AND STATISTICS (IME602A)</u>		OE-8 PRF	3-0-0-0(9)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in	WF 12:00-13:15					
332	IME	<u>INTRODUCTION TO COMPUTING (IME603A)</u>		PG-2 PRF	3-0-0-0(9)	SHANKAR PRAWESH(I)	sprawesh@iitk.ac.in	MTh 09:00-10:15					
333	IME	<u>OPERATIONS RESEARCH FOR MANAGEMENT (IME605A)</u>		PG-4 PRF	3-0-0-0(9)	AVIJIT KHANRA(I)	kavijit@iitk.ac.in	MTh 12:00-13:15					
334	IME	<u>INDRODUCTION TO STOCHASTIC PROCESSES AND THEIR APPLICATIONS (IME625A)</u>		PG-3 PRF	3-0-0-0(9)	Faculty Test Case(I)	kushtiw@gmail.com	MTh 10:30-12:00					
335	IME	<u>MARKETING MODELS (IME631A)</u>		PG-4 PRF	3-0-0-0(9)	Faculty Test Case(I)	kushtiw@gmail.com	MTh 12:00-13:15					



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								Time	Venue	Time	Venue	Time	Venue
336	IME	<u>INTRODUCTION TO GAME THEORY (IME636A)</u>		PG-4 PRF	3-0-0- 0(9)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in	MTh 12:00-13:15					
337	IME	<u>DESIGN OF PRODUCTION SYSTEMS (IME641A)</u>		PG-9 PRF	3-0-0- 0(9)	AVIJIT KHANRA(I)	kavijit@iitk.ac.in	WF 17:00-18:30					
338	IME	<u>SOFTWARE PROJECT MANAGEMENT (IME671A)</u>		PG-3 PRF	3-0-0- 0(9)	SUBHAS CHANDRA MISRA (I)	subhasm@iitk.ac.in	MTh 10:30-12:00					
339	IME	<u>DATA MINING AND KNOWLEDGE DISCOVERY (IME672A)</u>		PG-6 PRF,OE	3-0-0- 0(9)	FAIZ HAMID(I)	fhamid@iitk.ac.in	WF 10:30-12:00					
340	IME	<u>ADVANCED STATISTICAL METHODS FOR BUSINESS ANALYTICS (IME692A)</u>		PG-8 PRF,OE	3-0-0- 0(9)	SHANKAR PRAWESH(I)	sprawesh@iitk.ac.in	T 12:00-13:00 ,W 14:00-15:00					
341	IME	<u>SEMINAR (IME698A)</u>		SLOT- BLANK PRF	0-0-0- 0(0)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in						
342	IME	<u>M TECH THESIS (IME699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SRI VANAMALLA V(I), SUBHAS CHANDRA MISRA (O)							
343	IME	<u>PHD THESIS (IME799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in						
344	IME	<u>ACCOUNTING &amp; FINANCE (MBA601A)</u>		PG-13 PRF	3-0-0- 1(10)	B V PHANI (I), Suman Saurabh(O)		MTh 14:00-15:15					
345	IME	<u>ECONOMIC ANALYSIS FOR MANAGEMENT (MBA606A)</u>		OE-8 PRF,OE	3-0-0- 1(10)	DEVLINA CHATTERJEE(I)	devlina@iitk.ac.in	WF 12:00-13:15					
346	IME	<u>ORGANIZATION STRUCTURE AND DESIGN (MBA611A)</u>		PG-4 PRF	3-0-0- 1(10)	RAHUL VARMAN(I)	rahulv@iitk.ac.in	MTh 12:00-13:15					
347	IME	<u>STRATEGIC MANAGEMENT (MBA623A)</u>		PG-2 PRF	3-0-0- 0(10)	R R K SHARMA (I)	rrks@iitk.ac.in	MTh 09:00-10:15					
348	IME	<u>MARKETING MANAGEMENT (MBA631A)</u>		PG-2 PRF	3-0-0- 1(10)	AMIT SHUKLA(I)	skamit@iitk.ac.in	MTh 09:00-10:15					
349	IME	<u>CONSUMER BEHAVIOUR (MBA634A)</u>		PG-9 PRF,OE	3-0-0- 0(10)	DEVLINA CHATTERJEE(I)	devlina@iitk.ac.in	WF 17:00-18:30					
350	IME	<u>BUSINESS PROCESS MANAGEMENT (MBA647A)</u>		PG-6 PRF,OE	3-0-0- 0(9)	SUBHAS CHANDRA MISRA (I)	subhasm@iitk.ac.in	WF 10:30-12:00					
351	IME	<u>QUANTITATIVE METHODS FOR DECISION MAKING</u>		PG-9 PRF	3-0-0- 1(10)	FAIZ HAMID(I)	fhamid@iitk.ac.in	WF 17:00-18:30					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
		<u>(MBA651A)</u>											
352	IME	<u>SUPPLY CHAIN MANAGEMENT</u> <u>(MBA664A)</u>		PG-3 PRF	3-0-0- 0(10)	Vipin B(I)	vipin@iitk.ac.in	MTh 10:30-12:00					
353	IME	<u>PROJECT MANAGEMENT</u> <u>(MBA666A)</u>		PG-4 PRF	3-0-0- 1(10)	RAGHU NANDAN SENGUPTA(I)	raghus@iitk.ac.in	MTh 12:00-13:15					
354	IME	<u>MANAGING SERVICE OPERATIONS</u> <u>(MBA671A)</u>		PG-14 PRF	3-0-0- 0(10)	DEEPU PHILIP (I)	dphilip@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
355	IME	<u>PROJECT FINANCING &amp; MANAGEMENT</u> <u>(MBA677A)</u>		PG-11 PRF	3-0-0- 0(10)	ANOOP SINGH(I)	anoops@iitk.ac.in	T 10:30-12:00 ,M 17:00-18:30					
356	IME	<u>POWER SECTOR REFORM &amp; REGULATION: THEORY AND PRACTICE</u> <u>(MBA683A)</u>		PG-15 DE,PRF	3-0-0- 0(10)	ANOOP SINGH(I)	anoops@iitk.ac.in	TTh 15:30-17:00					
357	IME	<u>MANAGEMENT SEMINARS</u> <u>(MBA698A)</u>		SLOT- BLANK PRF	0-0-0- 0(0)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in						
358	IME	<u>CAPSTONE PROJECT I</u> <u>(MBA701A)</u>		SLOT- BLANK PRF	0-0-0- 0(9)	SRI VANAMALLA V(I)	vanamala@iitk.ac.in						
359	IME	<u>ORGANIZATIONAL STAFFING</u> <u>(MBA712A)</u>		PG-5 PRF	3-0-0- 0(5)	AMIT SHUKLA(I)	skamit@iitk.ac.in	WF 09:00-10:15					
360	IME	<u>PERFORMANCE MANAGEMENT</u> <u>(MBA713A)</u>		PG-5 PRF	3-0-0- 0(5)	AMIT SHUKLA(I)	skamit@iitk.ac.in	WF 09:00-10:15					
361	IME	<u>GOVERNANCE OF GLOBAL VALUE CHAINS</u> <u>(MBA717A)</u>		PG-6 PRF,OE	3-0-0- 0(5)	RAHUL VARMAN(I)	rahulv@iitk.ac.in	WF 10:30-12:00					
362	IME	<u>DERIVATIVE CONTRACTS</u> <u>(MBA772A)</u>	( MBA771A )	PG-7 PRF	3-0-0- 0(5)	Suman Saurabh(I)	sumans@iitk.ac.in	F 14:00-15:30 ,T 17:00-18:30					
363	IME	<u>FINANCIAL INTERMEDIATION &amp; COMMERCIAL BANKING</u> <u>(MBA773A)</u>	( MBA601A OR MBA775A )	PG-8 PRF,OE	3-0-0- 0(5)	B V PHANI (I)	bvphani@iitk.ac.in	T 12:00-13:00 ,W 14:00-15:00					
364	IME	<u>CREDIT RISK MANAGEMENT &amp; MODELLING</u> <u>(MBA774A)</u>	( MBA601A OR MBA775A )	PG-8 PRF,OE	3-0-0- 0(5)	B V PHANI (I)	bvphani@iitk.ac.in	T 12:00-13:00 ,W 14:00-15:00					
365	LT	<u>PHD THESIS</u> <u>(LT799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	RAJSHEKHAR GANNAVARPU (I)	gshekhar@iitk.ac.in						
366	MDES	<u>DESIGN THEORY</u>		PG-4	2-0-3-	SHATARUPA	stroy@iitk.ac.in	MTh 12:00-13:15					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>(DES601A)</u>		DE,PRF	0(9)	THAKURTA ROY (I)							
367	MDES	<u>DESIGN PRACTICE I</u> <u>(DES602A)</u>		PG-2 DE,PRF	2-0-3- 0(9)	SHANTANU BHATTACHARYA (I)	bhattacs@iitk.ac.in	MTh 09:00-10:15					
368	MDES	<u>DESIGN THINKING &amp; RESEARCH METHODS</u> <u>(DES604A)</u>		PG-11 DE,PRF	2-0-3- 0(9)	SATYAKI ROY (I)	satyaki@iitk.ac.in	T 10:00-11:00 ,WF 15:00-16:00 ,M 17:00-18:00					
369	MDES	<u>DESIGN PROJECT I</u> <u>(DES681A)</u>		PG-9 DE,PRF	1-0-6- 0(9)	RITWIJ BHOWMIK(I), JANAKARAJAN RAMKUMAR (O)		WF 17:00-18:30					
370	MDES	<u>M DES THESIS</u> <u>(DES699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	MAINAK DAS (I)	mainakd@iitk.ac.in						
371	MDES	<u>PH.D THESIS</u> <u>(DES799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	MAINAK DAS (I)	mainakd@iitk.ac.in						
372	ME	<u>FLUID MECHANICS AND RATE PROCESSES</u> <u>(ESO204A)</u>		ESO-2 ESO/SO	3-1-0- 0(11)	RAGHVENDRA SINGH (I)	raghvend@iitk.ac.in	MWF 11:00-12:00		Th 11:00-12:00			
373	ME	<u>DYNAMICS</u> <u>(ESO209A)</u>		ESO-4 ESO/SO,D C	2-1-0- 0(8)	ANINDYA CHATTERJEE (I)	anindya@iitk.ac.in	MW 17:00-18:00		T 17:00-18:00			
374	ME	<u>ENGLISH PROFICIENCY AND SCHOLARLY COMMUNICATION</u> <u>(IDC603A)</u>		PG-9 PRF	2-0-2- 0(9)	BHASKAR DASGUPTA (I)	dasgupta@iitk.ac.in	WF 17:00-18:30					
375	ME	<u>ENGINEERING DESIGN AND GRAPHICS</u> <u>(ME251A)</u>	( TA101A )	3-1 PRF,DC	1-0-2- 0(5)	ANUPAM SAXENA (I)	anupams@iitk.ac.in	W 12:00-13:00				F 14:00-16:00	
376	ME	<u>ENERGY SYSTEMS I</u> <u>(ME301A)</u>	( ESO201A )	OE-3-1 PRF,DC	2-0-0- 0(6)	SANTANU DE (I)	sde@iitk.ac.in	WF 11:00-12:00					
377	ME	<u>ADVANCE MECHANICS OF SOLIDS</u> <u>(ME321A)</u>	( ESO202A )	DE-2-1 PRF,DC	2-0-1- 0(7)	ISHAN SHARMA (I)	ishans@iitk.ac.in	MTh 11:00-12:00				MTTh 14:00-16:00	
378	ME	<u>THEORY OF MECHANISMS &amp; MACHINES</u> <u>(ME352A)</u>	( ESO209A )	DE-3 PRF,DC	2-0-1- 0(7)	BHASKAR DASGUPTA (I)	dasgupta@iitk.ac.in	MTh 12:00-13:15				MTTh 14:00-16:00	
379	ME	<u>INTERNAL COMBUSTION ENGINES</u> <u>(ME359A)</u>		DE-8 DE,PRF	3-0-0- 0(9)	AVINASH KUMAR AGARWAL (I)	akag@iitk.ac.in	WF 12:00-13:15					
380	ME	<u>MANUFACTURING SCIENCE &amp; TECHNOLOGY</u> <u>(ME361A)</u>	( TA201A AND TA202A )	SLOT-2 PRF,DC	3-0-1- 0(10)	MOHIT SUBHASH LAW (I)	mlaw@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00				MTTh 14:00-16:00	

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
381	ME	<u>MECHANICAL ENGINEERING COMMUNICATION SKILLS (ME399A)</u>		SLOT-71 PRF,DC	0-0-0- 2(2)	SAMEER KHANDEKAR (I)	samkhan@iitk.ac.in					T 10:00-11:00	
382	ME	<u>ENERGY SYSTEMS-II (ME401A)</u>	( ESO201A AND ME231A )	SLOT-1 PRF,DC	3-0-1- 0(10)	SUBRATA SARKAR (I)	subra@iitk.ac.in	TWTh 08:00-09:00				MTh 14:00-17:00	
383	ME	<u>ME PROJECT-1 (ME451A)</u>		SLOT- BLANK PRF,DC	0-0-0- 0(9)	S K CHOUDHURY (I)	choudhry@iitk.ac.in						
384	ME	<u>INTRODUCTION TO SOLID MECHANICS (ME621A)</u>		PG-1 PRF	3-0-0- 0(9)	Chandraprakash Chindam(I)	chindamc@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
385	ME	<u>FINITE ELEMENT METHODS IN ENGINEERING MECHANICS (ME623A)</u>	( ESO202A AND MSO203B )	OE-1 PRF,OE,Mi nor	3-0-0- 0(9)	NACHIKETA TIWARI (I)	ntiwari@iitk.ac.in	MWF 17:00-18:00					
386	ME	<u>APPLIED DYNAMICS AND VIBRATIONS (ME625A)</u>		PG-3 PRF	3-0-0- 0(9)	PANKAJ WAHI (I)	wahi@iitk.ac.in	MTh 10:30-12:00					
387	ME	<u>VIBRATION OF CONTINUOUS SYSTEMS (ME626A)</u>		OE-8 PRF,OE	3-0-0- 0(9)	SHAKTI SINGH GUPTA (I)	ssgupta@iitk.ac.in	WF 12:00-13:15					
388	ME	<u>COMPUTATIONAL FLUID DYNAMICS AND HEAT TRANSFER (ME630A)</u>		OE-8 PRF,OE,Mi nor	3-0-0- 0(9)	P S GHOSHDASTIDAR (I)	psg@iitk.ac.in	WF 12:00-13:15					
389	ME	<u>VISCOUS FLOW THEORY (ME631A)</u>		PG-4 PRF	3-0-0- 0(9)	ANIRBAN GUHA (I)	aguha@iitk.ac.in	MTh 12:00-13:15					
390	ME	<u>CONDUCTION AND RADIATION (ME641A)</u>		PG-1 PRF	3-0-0- 0(9)	JISHNU BHATTACHARYA (I)	jishnu@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
391	ME	<u>INTRODUCTION TO TURBULENT FLOW (ME647A)</u>		OE-2 DE,PRF,OE	3-0-0- 0(9)	SACHIN Y SHINDE (I)	sachin@iitk.ac.in	WF 09:00-10:15					
392	ME	<u>COMPUTER AIDED DESIGN OF THERMAL SYSTEMS (ME648A)</u>		OE-2 PRF,OE	3-0-0- 0(9)	MALAY KUMAR DAS (I)	mkdas@iitk.ac.in	WF 09:00-10:15					
393	ME	<u>RAILROAD VEHICLE DYNAMICS (ME660A)</u>		OE-2 PRF,OE	3-0-0- 0(9)	N S VYAS (I)	vyas@iitk.ac.in	WF 09:00-10:15					
394	ME	<u>MACHINING SCIENCE I (ME661A)</u>	( TA202A )	OE-2 DE,PRF,OE ,Minor	3-0-0- 0(9)	S K CHOUDHURY (I)	choudhry@iitk.ac.in	WF 09:00-10:15					
395	ME	<u>MACHINING SCIENCE II</u>	( TA202A )	OE-7	3-0-0-	SHANTANU	bhattacs@iitk.ac.in	MF 08:00-09:00 ,T					

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								Time	Venue	Time	Venue	Time	Venue
		<u>(ME662A)</u>		DE,PRF,OE ,Minor	0(9)	BHATTACHARYA (I)		09:00-10:00					
396	ME	<u>ADDITIVE MANUFACTURING (ME670A)</u>		OE-3 PRF,OE	3-0-0- 0(9)	NIRAJ SINHA (I), ARVIND KUMAR (O)	nsinha@iitk.ac.in	WF 10:30-12:00					
397	ME	<u>NON - LINEAR FINIT METHODS IN SOLID MECHANICS (ME676A)</u>		OE-3 PRF,OE	3-0-0- 0(9)	SUMIT BASU (I)	sbasu@iitk.ac.in	WF 10:30-12:00					
398	ME	<u>MATHEMATICS FOR ENGINEERS (ME681A)</u>		PG-2 PRF	3-0-0- 0(9)	BASANT LAL SHARMA (I)	bls@iitk.ac.in	MTh 09:00-10:15					
399	ME	<u>APPLIED NUMERICAL METHODS (ME685A)</u>		OE-2 PRF,OE,Mi nor	3-0-0- 0(9)	K MURALIDHAR (I)	kmurli@iitk.ac.in	WF 09:00-10:15					
400	ME	<u>MICROSCALE THERMAL ENGINEERING (ME689A)</u>		OE-8 PRF,OE	0-0-0- 0(9)	PRADIPTA K PANIGRAHI (I)	panig@iitk.ac.in	WF 12:00-13:15					
401	ME	<u>M TECH THESIS (ME699)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	BHASKAR DASGUPTA (I), MALAY KUMAR DAS (O)							
402	ME	<u>COMPUTER AIDED MANUFACTURING (ME761A)</u>		OE-3 DE,PRF,OE ,Minor	3-0-0- 0(9)	JANAKARAJAN RAMKUMAR (I)	jrkkumar@iitk.ac.in	WF 10:30-12:00					
403	ME	<u>INTRODUCTION TO ROBOTICS (ME762A)</u>		OE-2 PRF,OE	3-0-0- 0(9)	ASHISH DUTTA (I)	adutta@iitk.ac.in	WF 09:00-10:15					
404	ME	<u>MATERIALS SELECTION IN MECHANICAL DESIGN (ME770A)</u>		OE-3 PRF,OE	3-0-0- 0(9)	KAMAL K KAR (I)	kamalkk@iitk.ac.in	WF 10:30-12:00					
405	ME	<u>MECHATRONICS (ME772A)</u>		OE-8 PRF,OE	3-0-0- 0(9)	B BHATTACHARYA (I)	bishakh@iitk.ac.in	WF 12:00-13:15					
406	ME	<u>PHD THESIS (ME799)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	BHASKAR DASGUPTA (I)	dasgupta@iitk.ac.in						
407	ME	<u>MS - RESEARCH THESIS (ME899)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	BHASKAR DASGUPTA (I)	dasgupta@iitk.ac.in						
408	ME	<u>MANUFACTURING PROCESSES II (TA202A)</u>		TA202A IC	1-0-3- 0(6)	ARVIND KUMAR (I)	arvindkr@iitk.ac.in	T 08:00-09:00				MTWThF 14:00-17:00	
409	MS	<u>STRUCTURAL &amp; MAGNETIC PROPERTIES OF</u>		PG-2	3-0-0-	RAJEEV GUPTA (I), RAJ		MTh 09:00-10:15					

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								Time	Venue	Time	Venue	Time	Venue
		<u>MATERIALS (MS601A)</u>		PRF	0(9)	GANESH S PALA (O)							
410	MS	<u>ELECTRICAL AND DIELECTRIC MATERIALS (MS602A)</u>		PG-4 PRF	3-0-0-0(9)	SIDDHARTHA PANDA (I), MD JALEEL AKHTAR (O)	spanda@iitk.ac.in	MTh 12:00-13:15					
411	MS	<u>MECHANICAL PROPERTIES OF MATERIALS (MS603A)</u>		PG-5 PRF	3-0-0-0(9)	KAMAL K KAR (I)	kamalkk@iitk.ac.in	WF 09:00-10:15					
412	MS	<u>GRADUATE SEMINAR (MS698A)</u>		SLOT-BLANK DE,PRF,DC	0-0-0-0(0)	MANAS KUMAR GHORAI (I)	mkghorai@iitk.ac.in						
413	MS	<u>M TECH THESIS (MS699)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SRI SIVAKUMAR (I), RAJ GANESH S PALA (O)							
414	MS	<u>PHD THESIS (MS799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SRI SIVAKUMAR (I)	srisiva@iitk.ac.in						
415	MSE	<u>NATURE AND PROPERTIES OF MATERIALS (ESO205A)</u>		ESO-2 ESO/SO	3-1-3-0(14)	MONICA KATIYAR (I)	mk@iitk.ac.in	MWF 11:00-12:00		Th 11:00-12:00		MTWThF 14:00-16:00	
416	MSE	<u>THERMODYNAMICS &amp; PHASE EQUILIBRIA (MSE201A)</u>		3-1-1 PRF	3-1-0-0(11)	KAUSTUBH NARHAR KULKARNI(I)	kkaustub@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00			
417	MSE	<u>PROFESSIONAL &amp; TECHNICAL COMMUNICATION (MSE300A)</u>		SLOT-71 PRF	0-0-0-2(2)	ANISH UPADHYAYA (I)	anishu@iitk.ac.in					T 10:00-12:00	
418	MSE	<u>PHASE TRANSFORMATIONS (MSE301A)</u>		SLOT-6 PRF	2-0-0-0(6)	RAJDIP MUKHERJEE(I)	rajdipm@iitk.ac.in	TTh 17:00-18:00					
419	MSE	<u>MECHANICAL BEHAVIOUR OF MATERIALS (MSE302A)</u>		SLOT-1 PRF	3-0-0-0(9)	SHASHANK SHEKHAR(I)	shashank@iitk.ac.in	TWTh 08:00-09:00					
420	MSE	<u>ELECTRONIC &amp; MAGNETIC PROPERTIES OF MATERIALS (MSE303A)</u>		SLOT-2 PRF	3-0-0-0(9)	TANMOY MAITI(I)	tmaiti@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
421	MSE	<u>PHYSICAL METALLURGY LABORATORY (MSE311A)</u>		MSE311A PRF	0-0-3-0(3)	ANISH UPADHYAYA (I), GOUTHAMA (O)	anishu@iitk.ac.in					MTTh 14:00-16:00	
422	MSE	<u>MECHANICAL BEHAVIOUR LABORATORY (MSE313A)</u>		MSE313A PRF	0-0-3-0(3)	NILESH PRAKASH GURAO(I), SANDEEP SANGAL (O)						MTTh 14:00-16:00	
423	MSE	<u>UNDER GRADUATE PROJECT I (MSE349A)</u>		SLOT-BLANK	0-0-2-0(4)	ASHISH GARG(I)	ashishg@iitk.ac.in						

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								Time	Venue	Time	Venue	Time	Venue
				PRF									
424	MSE	<u>UNDER GRADUATE PROJECT III (MSE497A)</u>		SLOT- BLANK PRF	3-0-0- 0(9)	ASHISH GARG(I)	ashishg@iitk.ac.in						
425	MSE	<u>STRUCTURE AND CHARACTERIZATION OF MATERIALS (MSE615A)</u>		PG-7 PRF	3-0-0- 0(9)	ASHISH GARG(I)	ashishg@iitk.ac.in	W 12:00-13:00 ,F 14:00-15:00 ,T 17:00-18:00					
426	MSE	<u>TRANSPORT PHENOMENA (MSE626A)</u>		PG-8 DE,PRF	3-0-0- 0(9)	AMARENDRA KUMAR SINGH(I)	amarendra@iitk.ac.in	TF 12:00-13:00 ,W 14:00-15:00					
427	MSE	<u>ELECTRONIC DEVICES AND CHARACTERIZATION (MSE628A)</u>		OE-3 PRF	3-0-0- 0(9)	ANSHU GAUR(I)	agaur@iitk.ac.in	WF 10:30-12:00					
428	MSE	<u>PHYSICAL &amp; MATHEMATICAL MODELLING OF STEELMAKING PROCESSES (MSE629A)</u>		PG-4 PRF	3-0-0- 0(9)	DIPAK MAZUMDAR (I)	dipak@iitk.ac.in	MTh 12:00-13:15					
429	MSE	<u>MICROSCOPY AND MICROANALYSIS OF MATERIALS (MSE642A)</u>		DE-1 PRF	3-0-0- 0(9)	NILESH PRAKASH GURAO(I)	npgurao@iitk.ac.in	MTh 09:00-10:15					
430	MSE	<u>DISLOCATIONS AND PLASTICITY (MSE658A)</u>		PG-10 PRF	3-0-0- 0(9)	SANDEEP SANGAL (I)	sangals@iitk.ac.in	TWTh 08:00-09:00					
431	MSE	<u>POWDER METALLURGY (MSE659A)</u>		PG-14 PRF	3-0-0- 0(9)	SHOBIT OMAR(I)	somar@iitk.ac.in	T 14:00-15:15 ,M 15:30-17:00					
432	MSE	<u>SOLIDIFICATION PROCESSING (MSE670A)</u>		PG-15 PRF	3-0-0- 0(9)	KRISHANU BISWAS (I)	kbiswas@iitk.ac.in	TTh 15:30-17:00					
433	MSE	<u>HEAT TREATMENT AND SURFACE HARDENING (MSE671A)</u>		PG-12 PRF	3-0-0- 0(9)	KALLOL MONDAL (I)	kallol@iitk.ac.in	T 11:00-12:00 ,WF 16:00-17:00					
434	MSE	<u>ATOM PROBE TOMOGRAPHY AND APPLICATION (MSE677A)</u>		OE-7 PRF	3-0-0- 0(9)	GOUTHAMA (I)	gouthama@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
435	MSE	<u>COMPUTER SIMULATIONS IN MATERIALS SCIENCE (MSE682A)</u>		DE-4 PRF	3-0-0- 0(9)	SOMNATH BHOWMICK(I)	bsomnath@iitk.ac.in	MTh 14:00-15:15					
436	MSE	<u>SEMINAR PARTICIPATION (MSE690A)</u>		PG-9 PRF	0-0-0- 0(0)	SUDHANSHU SHEKHAR SINGH (I), ANSHU GAUR(O)	sudhanss@iitk.ac.in	WF 17:00-18:30					

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
437	MSE	<u>SEMINAR PRESENTATION</u> (MSE691A)		PG-9 PRF	0-0-0- 0(0)	SUDHANSHU SHEKHAR SINGH (I), ANSHU GAUR(O)		WF 17:00-18:30					
438	MSE	<u>MATERIALS SCIENCE TECHNOLOGIES FOR APPLICATIONS IN LIFE SCIENCES</u> (MSE693A)		OE-2 PRF	3-0-0- 0(9)	KANTESH BALANI (I)	kbalani@iitk.ac.in	WF 09:00-10:15					
439	MSE	<u>NANOSTRUCTURES AND NANOMATERIALS: CHARACTERIZATION AND PROPERTIES</u> (MSE694A)		PG-3 PRF	3-0-0- 0(9)	ANANDH SUBRAMANIAM (I)	anandh@iitk.ac.in	MTh 10:30-12:00					
440	MSE	<u>M.TECH THESIS</u> (MSE699)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	AMARENDRA KUMAR SINGH(I), ASHISH GARG(O)	amarendra@iitk.ac.in						
441	MSE	<u>PH D THESIS</u> (MSE799)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	AMARENDRA KUMAR SINGH(I)	amarendra@iitk.ac.in						
442	MSE	<u>MANUFACTURING PROCESSES I</u> (TA201A)		TA201A IC	1-0-3- 0(6)	SUDHANSHU SHEKHAR SINGH (I)	sudhanss@iitk.ac.in					MTWThF 14:00-17:00	
443	MTH	<u>COMPLEX VARIABLES</u> (MSO202A)		ESO-3-1 ESO/SO	3-1-0- 0(6)	MANJUL GUPTA(I)	manjul@iitk.ac.in	WThF 09:00-10:00		M 09:00-10:00			
444	MTH	<u>PARTIAL DIFFERENTIAL EQUATIONS</u> (MSO203B)		ESO-3-1 ESO/SO	3-1-0- 0(6)	KAUSHIK BAL(I)	kaushik@iitk.ac.in	WThF 09:00-10:00		M 09:00-10:00			
445	MTH	<u>MATHEMATICS I</u> (MTH101A) /A		MTH101A (A) IC	3-1-0- 0(11)	ASHIS MANDAL(I)	amandal@iitk.ac.in	MWF 16:00-17:00		Th 16:00-17:00			
446	MTH	<u>MATHEMATICS I</u> (MTH101A) /B		MTH101A (B) IC	3-1-0- 0(11)	ASHIS MANDAL(I)	amandal@iitk.ac.in	MWF 10:00-11:00		T 10:00-11:00			
447	MTH	<u>MATHEMATICS - II</u> (MTH102A)		MTH102A IC	3-1-0- 0(11)	ARBIND KUMAR LAL (I)	arlal@iitk.ac.in	MWTh 17:00-18:00		T 17:00-18:00			
448	MTH	<u>A FIRST COURSE IN LINEAR ALGEBRA</u> (MTH201A)	( MTH102A )	3-2-1 PRF	3-1-0- 0(11)	Sachin Subhash Sharma (I)	sachinsh@iitk.ac.in	MWF 17:00-18:00		T 17:00-18:00			
449	MTH	<u>SET THEORY AND DISCRETE MATHEMATICS</u> (MTH202A)		PG-2a PRF	3-1-0- 0(11)	NANDINI NILAKANTAN (I)	nandini@iitk.ac.in	MTTh 10:00-11:00		F 14:00-15:00			
450	MTH	<u>INTRODUCTION TO FOURIER SERIES</u>		PG-10	3-1-0-	SAMEER LAXMAN	chavan@iitk.ac.in	TWTh 08:00-09:00					



## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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								Time	Venue	Time	Venue	Time	Venue
		<u>(MTH205A)</u>		PRF	0(11)	CHAVAN (I)							
451	MTH	<u>NUMBER THEORY</u> <u>(MTH215A)</u>		PG-9A-1 PRF	3-1-0- 0(11)	SOMNATH JHA (I)	jhasom@iitk.ac.in	MTTh 16:00-17:00		F 14:00-15:00			
452	MTH	<u>ANALYSIS- I</u> <u>(MTH301A)</u>	( MTH101A )	3-1-1 PRF	3-1-0- 0(11)	PARASAR MOHANTY (I)	parasar@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00			
453	MTH	<u>SET THEORY &amp; LOGIC</u> <u>(MTH302A)</u>		3-1-1 PRF	3-1-0- 0(11)	Amit Shekhar Kuber (I)	askuber@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00			
454	MTH	<u>SEVERAL VARIABLE CALCULUS &amp;</u> <u>DEFFERENTIAL GEOMETRY</u> <u>(MTH305A)</u>	( MTH301A )	ESO-2 PRF	3-1-0- 0(11)	DEBASIS SEN(I)	debasis@iitk.ac.in	MWF 11:00-12:00		Th 11:00-12:00			
455	MTH	<u>UG PROJECT (UGP-I)</u> <u>(MTH391A)</u>		SLOT- BLANK PRF	0-0-0- 0(4)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
456	MTH	<u>UNDER GRADUATE PROJECT II</u> <u>(MTH392A)</u>		SLOT- BLANK PRF	0-0-9- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
457	MTH	<u>UG PROJECT (UGP-III)</u> <u>(MTH393A)</u>		SLOT- BLANK PRF	3-0-0- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
458	MTH	<u>UNDER GRADUATE PROJECT IV</u> <u>(MTH394A)</u>		SLOT- BLANK PRF	0-0-9- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
459	MTH	<u>TECHNICAL COMMUNICATION SKILLS</u> <u>(MTH399A)</u>		SLOT-71 PRF	0-0-0- 2(2)	APARNA DAR (I)	adar@iitk.ac.in						
460	MTH	<u>THEORY OF COMPUTATION</u> <u>(MTH401A)</u>	( ESO207A )	SLOT-3-1 PRF	3-0-0- 0(9)	MOHUA BANERJEE (I)	mohua@iitk.ac.in	TWF 16:00-17:00					
461	MTH	<u>COMPLEX ANALYSIS</u> <u>(MTH403A)</u>	( MTH301A )	SLOT-2-1 PRF	3-1-0- 0(11)	RAMA RAWAT (I)	rrawat@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00		W 15:00-16:00			
462	MTH	<u>FUNCTIONAL ANALYSIS</u> <u>(MTH405A)</u>	( MTH301A )	PG-4A PRF	3-1-0- 0(11)	G SANTHANAM (I)	santhana@iitk.ac.in	MTh 12:00-13:15		W 14:00-15:00			
463	MTH	<u>COMPUTER PROGRAMMING AND DATA</u> <u>STRUCTURES</u> <u>(MTH409A)</u>		PG-7a PRF	2-1-1- 0(9)	SAKTIPADA GHORAI (I)	sghorai@iitk.ac.in	MT 14:00-15:00		Th 14:00-15:00		Th 17:00-19:00	
464	MTH	<u>APPLIED STOCHASTIC PROCESS</u> <u>(MTH412A)</u>		PG-8a DE	3-1-0- 0(11)	DEBASIS KUNDU (I)	kundu@iitk.ac.in	MTTh 15:00-16:00		F 14:00-15:00			
465	MTH	<u>MATRIX THEORY AND LINEAR ESTIMATION</u>	( MSO201A )	PG-9a	3-1-0-	SHARMISHTHA MITRA	smitra@iitk.ac.in	MTTh 16:00-17:00		W 14:00-15:00			

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								Time	Venue	Time	Venue	Time	Venue
		<u>(MTH415A)</u>		PRF	0(11)	(I)							
466	MTH	<u>MATHEMATICAL METHODS (MTH428A)</u>		ESO-3-1 PRF,OE,Minor	3-1-0-0(11)	DHIRENDRA BAHUGUNA (I)	dhiren@iitk.ac.in	WThF 09:00-10:00		M 09:00-10:00			
467	MTH	<u>NUMERICAL ANALYSIS &amp; SCIENTIFIC COMPUTING II (MTH430A)</u>	(MTH102A)	PG-9a PRF	3-0-1-0(10)	PRAVIR DUTT(I)	pravir@iitk.ac.in	MT 16:00-17:00		Th 16:00-17:00		F 14:00-15:00	
468	MTH	<u>BASIC PROBABILITY &amp; DISTRIBUTION THEORY (MTH431A)</u>		SLOT-1-1 DE,PRF,OE,Minor	3-1-0-0(11)	SUBHRA SANKAR DHAR(I)	subhra@iitk.ac.in	TWTh 08:00-09:00		F 15:00-16:00			
469	MTH	<u>INTRODUCTION TO SAMPLING THEORY (MTH432A)</u>		3-1-1 PRF	3-1-0-0(6)	SHALABH (I)	shalab@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00			
470	MTH	<u>REAL ANALYSIS (MTH433A)</u>		PG-6-1 DE,PRF,DC	3-1-0-0(11)	P SHUNMUGARAJ (I)	psraj@iitk.ac.in	WF 10:30-12:00 ,T 17:00-18:00					
471	MTH	<u>COMPLEX ANALYSIS (MTH434A)</u>		3-1-1 PRF	3-1-0-0(6)	ARBIND KUMAR LAL (I)	arlal@iitk.ac.in	MWF 12:00-13:00		Th 12:00-13:00			
472	MTH	<u>STATISTICAL SIMULATION AND DATA ANALYSIS (MTH511A)</u>	(MSO201A)	OE-1-1 PRF	3-1-0-0(11)	SUBHAJIT DUTTA(I)	duttas@iitk.ac.in	MWF 17:00-18:00		Th 17:00-18:00			
473	MTH	<u>INFERENCE - II (MTH515A)</u>	(MTH418A)	SLOT-2-1 PRF	3-1-0-0(11)	NEERAJ MISRA (I)	neeraj@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00		W 15:00-16:00			
474	MTH	<u>TIME SERIES ANALYSIS (MTH517A)</u>		ESO-3-1 PRF	3-1-0-0(11)	AMIT MITRA (I)	amitra@iitk.ac.in	WThF 09:00-10:00		M 09:00-10:00			
475	MTH	<u>FLUID MECHANICS (MTH523A)</u>		SLOT-1-1 PRF	3-1-0-0(11)	B V R KUMAR (I)	bvrk@iitk.ac.in	TWTh 08:00-09:00		F 15:00-16:00			
476	MTH	<u>PROJECT-I (MTH598A)</u>		SLOT-BLANK PRF	0-0-9-0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
477	MTH	<u>PROJECT-II (MTH599A)</u>		SLOT-BLANK PRF	0-0-0-0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
478	MTH	<u>INTRODUCTION TO COMMUTATIVE ALGEBRA (MTH612A)</u>		PG-5 PRF	3-0-0-0(9)	ALOK KUMAR MALOO (I)	akmaloo@iitk.ac.in	WF 09:00-10:15					
479	MTH	<u>INTRODUCTION TO LIE ALGEBRAS AND REPRESENTATION THEORY</u>		PG-4 PRF	3-0-0-0(9)	Ajay Singh Ramdin Thakur (I)	asthakur@iitk.ac.in	MTh 12:00-13:15					

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								Time	Venue	Time	Venue	Time	Venue
		<u>(MTH641A)</u>											
480	MTH	<u>TOPICS IN MODEL THEORY</u> <u>(MTH642A)</u>		PG-7a PRF	3-0-0- 0(9)	Amit Shekhar Kuber (I)	askuber@iitk.ac.in	MTTh 14:00-15:00					
481	MTH	<u>ALGEBRAIC TOPOLOGY</u> <u>(MTH649A)</u>		PG-6 PRF	3-0-0- 0(9)	ABHIJIT PAL(I)	abhipal@iitk.ac.in	WF 10:30-12:00					
482	MTH	<u>SOBOLEV SPACES AND APPLICATIONS</u> <u>(MTH656A)</u>		PG-3a PRF	3-0-0- 0(9)	Prosenjit Roy(I)	prosenjit@iitk.ac.in	MTTh 11:00-12:00					
483	MTH	<u>NONLINEAR DYNAMICAL SYSTEMS</u> <u>(MTH658A)</u>		PG-5 PRF	3-0-0- 0(9)	MALAY BANERJEE (I)	malayb@iitk.ac.in	WF 09:00-10:15					
484	MTH	<u>ANALYTICAL TECHNIQUES FOR PDE</u> <u>(MTH663A)</u>		OE-1 PRF,OE	3-0-0- 0(9)	T MUTHUKUMAR (I)	tmk@iitk.ac.in	MWF 17:00-18:00					
485	MTH	<u>ECONOMETRICS</u> <u>(MTH676A)</u>		PG-2a PRF	3-0-0- 0(9)	SHALABH (I)	shalab@iitk.ac.in	MTTh 10:00-11:00					
486	MTH	<u>PROJECT-I</u> <u>(MTH697A)</u>		SLOT- BLANK PRF	0-0-9- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
487	MTH	<u>PROJECT II</u> <u>(MTH698A)</u>		SLOT- BLANK PRF	0-0-0- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
488	MTH	<u>PROJECT- III</u> <u>(MTH699A)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(9)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
489	MTH	<u>A FIRST COURSE IN ALGEBRAIC NUMBER</u> <u>THEORY</u> <u>(MTH712A)</u>		PG-5 PRF	3-0-0- 0(9)	Sudhanshu Shekhar (I)	sudhansh@iitk.ac.in	WF 09:00-10:15					
490	MTH	<u>NUMERICAL SOLUTION OF INTEGRAL</u> <u>EQUATIONS</u> <u>(MTH720A)</u>		OE-3 PRF	3-0-0- 0(9)	AKASH ANAND(I)	akasha@iitk.ac.in	WF 10:30-12:00					
491	MTH	<u>ANALYSIS</u> <u>(MTH753A)</u>		PG-11a DE,PRF,OE ,Minor	3-0-0- 0(9)	SASMITA PATNAIK (I)	sasmita@iitk.ac.in	MTh 09:00-10:00 ,T 12:00-13:00					
492	MTH	<u>PROBABILITY THEORY</u> <u>(MTH754A)</u>		PG-11a DE,PRF,OE ,Minor	3-0-0- 0(9)	DEBASIS KUNDU (I)	kundu@iitk.ac.in	MTh 09:00-10:00 ,T 12:00-13:00					
493	MTH	<u>STATISTICAL INFERENCE</u> <u>(MTH755A)</u>		PG-8a DE,PRF,OE	3-0-0- 0(9)	AMIT MITRA (I)	amitra@iitk.ac.in	MTTh 15:00-16:00					

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								Time	Venue	Time	Venue	Time	Venue
				,Minor									
494	MTH	<u>VECTOR BUNDLES AND CHARACTERISTIC CLASSES (MTH761A)</u>		PG-7a PRF	3-0-0-0(9)	SANTOSHA KUMAR PATTANAYAK(I)	santosha@iitk.ac.in	MTTh 14:00-15:00					
495	MTH	<u>RESEARCH (MTH799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	SAMEER LAXMAN CHAVAN (I)	chavan@iitk.ac.in						
496	NET	<u>NON-DESTRUCTIVE EVALUATION (NT642A)</u>		OE-3 PRF,OE	3-0-0-0(9)	PRABHAT MUNSHI (I)	pmunshi@iitk.ac.in	WF 10:30-12:00					
497	NET	<u>M TECH THESIS (NT699)</u>		SLOT-BLANK Thesis	0-0-0-0(0)	PANKAJ WAHI (I), ADITYA HEMCHANDRA KELKAR (O)	wahi@iitk.ac.in						
498	NET	<u>PHD THESIS (NT799)</u>		SLOT-BLANK PRF,Thesis	0-0-0-0(0)	PANKAJ WAHI (I)	wahi@iitk.ac.in						
499	PHY	<u>PHYSICS LABORATORY (PHY101A)</u>		OE-1 IC	0-0-3-0(3)	K P RAJEEV (I)	kpraj@iitk.ac.in					MTWTh 10:00-13:00	
500	PHY	<u>PHYSICS-I (PHY102A)</u>		PHY102A(A) IC	3-1-0-0(11)	TAPOBRATA SARKAR (I), SUDEEP BHATTACHARJEE (O)	tapo@iitk.ac.in	MWF 15:00-16:00		Th 15:00-16:00			
501	PHY	<u>PHYSICS-II (PHY103A)</u>		PHY103A(B) IC	3-1-0-0(11)	AMIT KUMAR AGARWAL (I), SOUMIK MUKHOPADHYAY (O)	amitag@iitk.ac.in	MTWF 11:00-12:00					
502	PHY	<u>FUNDAMENTAL OF SOFT MATTER (PHY205A)</u>		PG-6-2 DE,OE,MO D	3-1-0-0(6)	MANAS KHAN(I)	mkhan@iitk.ac.in	WF 10:30-12:00 ,Th 17:00-18:00					
503	PHY	<u>OPTICS (PHY224A)</u>		3-2-1 PRF,OE,D C	2-0-6-0(12)	SAIKAT GHOSH (I)	gsaikat@iitk.ac.in	TW 17:00-18:00				ThF 14:00-17:00	
504	PHY	<u>PRINCIPLES OF LASERS &amp; THEIR APPLICATIONS (PHY303A)</u>		OE-7 DE,OE	3-0-0-0(9)	VIJAYA RAMARAO (I)	rvijaya@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
505	PHY	<u>PHYSICS OF UNIVERSE (PHY305A)</u>		OE-2 DE,PRF,OE	3-0-0-0(9)	PANKAJ JAIN (I)	pkjain@iitk.ac.in	WF 09:00-10:15					
506	PHY	<u>MODERN OPTICS (PHY307A)</u>		OE-4 DE,PRF,OE	3-0-0-0(9)	SAURABH MANI TRIPATHI (I)	smt@iitk.ac.in	MTh 14:00-15:15					

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								Time	Venue	Time	Venue	Time	Venue
507	PHY	<u>MODERN PHYSICS LABORATORY (PHY315A)</u>		SLOT-2 PRF,DC	1-0-6- 0(9)	KRISHNACHARYA (I)	kcharya@iitk.ac.in	M 08:00-09:00				TW 14:00-17:00	
508	PHY	<u>INTRODUCTION TO THE DEPARTMENT (PHY400A)</u>		OE-1 PRF	0-0-5- 0(5)	HARSHWARDHAN WANARE (I)	hwanare@iitk.ac.in	W 12:00-13:00					
509	PHY	<u>CLASSICAL MECHANICS I (PHY401A)</u>		3-1-2 PRF,DC	3-1-0- 0(11)	KAUSHIK BHATTACHARYA (I)	kaushikb@iitk.ac.in	TF 12:00-13:00		W 12:00-13:00		M 08:00-08:00	
510	PHY	<u>SPECIAL &amp; GENERAL RELATIVITY (PHY407A)</u>		PG-1 DE,PRF,OE	3-0-0- 0(9)	G SENGUPTA (I)	sengupta@iitk.ac.in	MF 08:00-09:00 ,T 09:00-10:00					
511	PHY	<u>MATHEMATICAL METHODS I (PHY421A)</u>		DE-3-1 PRF,DC	3-1-0- 0(11)	ARJUN BAGCHI (I)	abagchi@iitk.ac.in	MTh 12:00-13:15		F 08:00-09:00			
512	PHY	<u>QUANTUM MECHANICS I (PHY431A)</u>		DE-1-1 PRF,DC,Mi nor	3-1-0- 0(11)	M K HARBOLA (I)	mkh@iitk.ac.in	MTh 09:00-10:15		T 09:00-10:00			
513	PHY	<u>ELECTRONICS (PHY441A)</u>		PG-3a DE,PRF	2-1-3- 0(11)	ADITYA HEMCHANDRA KELKAR (I)	akelkar@iitk.ac.in	MTTh 11:00-12:00					
514	PHY	<u>EXPERIMENTAL PHYSICS I (PHY461A)</u>		SLOT- BLANK PRF,DC	0-0-8- 0(8)	SHIBABRATA NANDI (I)	snandi@iitk.ac.in					TWThF 14:00-17:50	
515	PHY	<u>EXPERIMENTAL PHYSICS II (PHY462A)</u>		SLOT- BLANK PRF	0-0-8- 0(8)	SHIBABRATA NANDI (I)	snandi@iitk.ac.in					TWThF 14:00-17:00	
516	PHY	<u>M SC REVIEW PROJECT I (PHY500A)</u>		SLOT- BLANK DE,PRF	0-0-8- 0(8)	ASIMA PRADHAN (I)	asima@iitk.ac.in					M 14:00-17:00	
517	PHY	<u>M SC REVIEW PROJECT II (PHY501A)</u>		SLOT- BLANK DE,PRF	0-0-9- 0(9)	ASIMA PRADHAN (I)	asima@iitk.ac.in					M 14:00-17:00	
518	PHY	<u>M.SC. REVIEW PROJECT III (PHY502A)</u>		SLOT- BLANK DE,PRF	0-0-8- 0(8)	ASIMA PRADHAN (I)	asima@iitk.ac.in					M 14:00-17:00	
519	PHY	<u>CONDENSED MATTER PHYSICS I (PHY543A)</u>		PG-2a DE,PRF	3-1-0- 0(11)	ANJAN KUMAR GUPTA (I)	anjankg@iitk.ac.in	MTTh 10:00-11:00					
520	PHY	<u>CLASSICAL ELECTRODYNAMICS I (PHY552A)</u>		SLOT-1-2 PRF,DC	3-1-0- 0(11)	AVINASH SINGH (I)	avinas@iitk.ac.in	TWTh 08:00-09:00		M 17:00-18:00			
521	PHY	<u>BACHLOR OF SCIENCE PROJECT -1 (PHY555A)</u>		SLOT- BLANK	0-0-4- 0(4)	MANAS KHAN(I)	mkhan@iitk.ac.in						

## Course Schedule 2018-19/1 Semester (Pr-registration)\*

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
				DE,PRF									
522	PHY	<u>BACHLOR OF SCIENCE PROJECT -II</u> <u>(PHY556A)</u>		SLOT- BLANK DE,PRF	0-0-0- 9(9)	MANAS KHAN(I)	mkhan@iitk.ac.in						
523	PHY	<u>M.SC. PROJECT I</u> <u>(PHY563A)</u>		SLOT- BLANK PRF	0-0-11- 0(11)	RAJEEV GUPTA (I)	guptaraj@iitk.ac.in						
524	PHY	<u>M.SC. PROJECT II</u> <u>(PHY565A)</u>		SLOT- BLANK DE,PRF	0-0-11- 0(11)	RAJEEV GUPTA (I)	guptaraj@iitk.ac.in						
525	PHY	<u>SPECIAL TOPICS IN PHYSICS</u> <u>(PHY590A)</u>		SLOT- BLANK DE,PRF	0-0-9- 0(9)	M K HARBOLA (I)	mkh@iitk.ac.in						
526	PHY	<u>M.SC. RESEARCH PROJECT I</u> <u>(PHY598A)</u>		SLOT- BLANK PRF	0-0-27- 0(27)	ZAKIR HOSSAIN (I)	zakir@iitk.ac.in						
527	PHY	<u>M.SC.RESEARCH PROJECT II</u> <u>(PHY599A)</u>		SLOT- BLANK PRF	0-0-27- 0(27)	ZAKIR HOSSAIN (I)	zakir@iitk.ac.in						
528	PHY	<u>REVIEW OF CLASSICAL MACHANICS</u> <u>(PHY601A)</u>		PG-7a PRF	1-3-0- 0(9)	Arijit Kundu(I)	kundua@iitk.ac.in	MTTh 14:00-15:00				TWTh 14:00-17:00	
529	PHY	<u>REVIEW OF CLASSICAL ELECTRODYNAMICS</u> <u>(PHY603A)</u>		PG-8a PRF	1-3-0- 0(9)	V SUBRAHMANYAM (I)	vmani@iitk.ac.in	MTTh 15:00-16:00				F 14:00-16:00 ,TTh 15:00-17:00	
530	PHY	<u>REVIEW OF MATHEMATICAL METHODS IN PHYSICS</u> <u>(PHY605A)</u>		PG-10 PRF	1-3-0- 0(9)	JOYDEEP CHAKRABORTTY (I)	joydeep@iitk.ac.in	TWTh 08:00-09:00					
531	PHY	<u>PHYSICS OF SEMICONDUCTOR NANOSTRUCTURES</u> <u>(PHY631A)</u>		PG-9a DE,PRF	3-0-0- 0(9)	Y N MOHAPATRA (I)	ynm@iitk.ac.in	MTTh 16:00-17:00					
532	PHY	<u>CONDENSED MATTER PHENOMENA IN LOW DIMENSIONAL MATERIALS</u> <u>(PHY642A)</u>		DE-3 DE,PRF	3-0-0- 0(9)	TARUN KANTI GHOSH (I)	tkghosh@iitk.ac.in	MTh 12:00-13:15					
533	PHY	<u>ELECTRONICS</u> <u>(PHY647A)</u>		PG-3a DE,PRF	2-1-3- 0(11)	ADITYA HEMCHANDRA KELKAR (I)	akelkar@iitk.ac.in	MTh 11:00-12:00		T 11:00-12:00			
534	PHY	<u>INTRODUCTION TO ASTROPHYSICAL FLUID</u> <u>(PHY651A)</u>		PG-6 DE,PRF	3-0-0- 0(9)	Supratik Banerjee(I)	sbanerjee@iitk.ac.in	WF 10:30-12:00					

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S.No.	Br	Course Name /Group Name	Prerequisite	Slot Name/ Course Type	Credits	Instructor	Instuctor Email	Lecture		Tutorial		Practical	
								Time	Venue	Time	Venue	Time	Venue
535	PHY	<u>EVOLUTIONARY GAME DYNAMICS</u> (PHY670A)		DE-3 DE,PRF	3-0-0- 0(9)	SAGAR CHAKRABORTY (I)	sagarc@iitk.ac.in	MTh 12:00-13:15					
536	PHY	<u>PHYSICS OF TURBULENCE</u> (PHY672A)		PG-13a DE,PRF	3-0-0- 0(9)	MAHENDRA KUMAR VERMA (I)	mkv@iitk.ac.in	WF 17:00-18:30					
537	PHY	<u>QUANTUM FIELD THEORY</u> (PHY681A)	( PHY432A )	PG-5 DE,PRF	3-0-0- 0(9)	DIPANKAR CHAKRABORTI (I)	dipankar@iitk.ac.in	WF 09:00-10:15					
538	PHY	<u>COHERENCE &amp; QUANTUM ENTANGLEMENT</u> (PHY690G)		DE-1 DE,PRF	3-0-0- 0(9)	ANAND KUMAR JHA (I)	akjha@iitk.ac.in	MTh 09:00-10:15					
539	PHY	<u>SUPERCONDUCTIVITY AND APPLICATIONS</u> (PHY690T)		DE-2 DE,PRF	3-0-0- 0(9)	SATYAJIT BANERJEE (I)	satyajit@iitk.ac.in	MTh 10:30-12:00					
540	PHY	<u>ADVANCED QUANTUM AND STATISTICAL MECHANICS</u> (PHY690X)		PG-13a DE,PRF	3-0-0- 0(9)	AMIT DUTTA (I)	dutta@iitk.ac.in	WF 17:00-18:30					
541	PHY	<u>M.SC.RESEARCH PROJECT I</u> (PHY698A)		SLOT- BLANK PRF	0-0-27- 0(27)	ZAKIR HOSSAIN (I)	zakir@iitk.ac.in						
542	PHY	<u>M.SC.RESEARCH PROJECT II</u> (PHY699)		SLOT- BLANK PRF	0-0-24- 0(12)	SUDEEP BHATTACHARJEE (I), M K HARBOLA (O)							
543	PHY	<u>M.SC.RESEARCH PROJECT II</u> (PHY699A)		SLOT- BLANK PRF,Thesis	0-0-27- 0(27)	ZAKIR HOSSAIN (I)	zakir@iitk.ac.in						
544	PHY	<u>RESEARCH</u> (PHY799)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	SUDEEP BHATTACHARJEE (I)	sudeepb@iitk.ac.in						
545	PSE	<u>INTRODUCTION TO PHOTONICS</u> (PSE601A)		PG-4 DE,PRF	3-0-0- 0(9)	ASIMA PRADHAN (I)	asima@iitk.ac.in	MTh 12:00-13:15					
546	PSE	<u>PRINCIPLES OF LASERS AND DETECTORS</u> (PSE602A)		PG-6 DE,PRF	3-0-0- 0(9)	HARSHWARDHAN WANARE (I)	hwanare@iitk.ac.in	WF 10:30-12:00					
547	PSE	<u>NUMERICAL METHODS IN OPTICS</u> (PSE603A)		PG-3 DE,PRF	3-0-0- 0(9)	RAJSHEKHAR GANNAVARPU (I)	gshekhar@iitk.ac.in	MTh 10:30-12:00					
548	PSE	<u>M. TECH THESIS</u> (PSE699)		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	RAJSHEKHAR GANNAVARPU (I)	gshekhar@iitk.ac.in						
549	PSE	<u>PHD THESIS</u> (PSE799)		SLOT- BLANK	0-0-0- 0(0)	RAJSHEKHAR GANNAVARPU (I)	gshekhar@iitk.ac.in						

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								Time	Venue	Time	Venue	Time	Venue
				PRF,Thesis									
550	PSE	<u>MS - RESEARCH THESIS (PSE899)</u>		SLOT- BLANK PRF,Thesis	0-0-0- 0(0)	RAJSHEKHAR GANNAVARPU (I)	gshekhar@iitk.ac.in						
551	SPEC	<u>MORNING EXERCISE (PE101A)</u>		SLOT- BLANK IC	0-0-3- 0(3)	DEBAJYOTI PAUL (I)	dpaul@iitk.ac.in						