

## List of Courses proposed to be offered in Summer Term 2019

(This list is dynamic. New courses will be added as and when the information is received from the concerned departments.)

Sl. No	Course No.	Course Title	Name of the Instructor(s) (Prof.)	Dept.	Course offered as (IC,DE,DC OE,HSS)	Remarks, if any
1	AE341A [3-0-0-2]	AEROSPACE PROPULSION	Ajay Vikram Singh	AE	-	-
2	AE451A [0-0-3-2]	EXPERIMENTS IN AEROSPACE ENGINEERING III	D P Mishra, Sanjay Kumar, G M Kamath	AE	-	-
3	AE778A [3-0-0-0]	NONLINEAR AND ADAPTIVE CONTROL	D K Giri	AE	-	-
4	AE471A [0-0-0-0]	B TECH PROJECT	A Mandal	AE	-	-
5	ESO206A [3-0-0-0]	PRINCIPLES OF BIOTECHNOLOGY	Ashwani K Thakur	BSBE	DC,DE,OE	-
6	CE441B [3-0-0-0]	CONSTRUCTION MANAGEMENT	K V Harish, Sudib Mishra	CE	DC	Modular Course (To be taught over the entire Summer Term)
7	CE491A [0-0-0-0]	UNDER GRADUATE RESEARCH -I	Animesh Das	CE	-	-
8	CE492A [0-0-0-0]	UNDER GRADUATE RESEARCH -II	Animesh Das	CE	-	-
9	CE697A [0-0-0-0]	M TECH SEMINAR I	Sudhir Misra	CE	-	-
10	CE698A [0-0-0-0]	M.TECH SEMINAR 2	Sudhir Misra	CE	-	-
11	ESO202A [3-1-0-0]	MECHANICS OF SOLIDS	Vinay K Gupta	CE	IC	-
12	CE371A [2-0-0-0]	DESIGN OF STEEL STRUCTURES	Chinmoy Kolay	CE		<ul style="list-style-type: none"> <li>• FLIP CLASSROOM MODE</li> <li>• Only for Y15 batch students having backlog in this course</li> </ul>

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13	CG698A [3-0-0-0]	Mind: Philosophical Investigations (Special Topics)	Nisheeth Srivastava, Harish Karnick	CGS	-	-
14	CHE221A [3-0-0-0]	CHEMICAL ENGINEERING THERMODYNAMICS	Vishal Agarwal	CHE	-	Only for students having backlog in this course
15	CHE398A [0-0-9-0]	UG PROJECT II	Raghvendra Singh	CHE	-	-
16	CHE453A [3-0-2-0]	CHEMICAL ENGINEERING DESIGN	Rahul Mangal	CHE	-	Only for students having backlog in this course
17	CHE453A [3-0-2-0]	CHEMICAL ENGINEERING DESIGN	Rahul Mangal	CHE	-	-
18	CHE497A [0-0-0-0]	UNDER GRADUATE PROJECT-III	Raghvendra Singh	CHE	-	-
19	CHM201A [3-0-0-0]	BASIC ORGANIC CHEMISTRY-I	Anand Singh, MLN Rao	CHM	OE	-
20	CHM202A [3-0-0-0]	BASIC ORGANIC CHEMISTRY -II	Manas K. Ghorai, R Ramapanicker	CHM	OE	-
21	CHM401A [3-0-0-0]	ORGANIC CHEMISTRY I	Vinod K Singh	CHM	-	-
22	CHM402A [3-0-0-0]	ORGANIC CHEMISTRY II	Dharmaraja Allimuthu	CHM	-	-
23	CHM421A [3-0-0-0]	PHYSICAL CHEMISTRY I	D Goswami	CHM	-	-
24	CHM481A [3-0-0-0]	BIOSYSTEMS	Dharmaraja Allimuthu	CHM	-	Only for students having backlog in this course
25	CHM611A [3-0-0-0]	PHYSICAL ORGANIC CHEMISTRY	Anand Singh	CHM	-	-
26	CS330A [3-0-3-0]	OPERATING SYSTEMS	Debadatta Mishra	CSE	DC	Offered only for one student

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27	CS335A [3-0-0-4]	COMPILER DESIGN	Amey Karkare	CSE	-	Only for students having backlog in this course
28	CS498A [0-0-0-0]	UNDER GRADUATE PROJECT-III	Anil Seth	CSE	-	-
29	ECO101A [3-1-0-0]	INTRODUCTION TO ECONOMICS	Debayan Pakrashi	ECO	HSS,OE	Course not open to students who have already done ECO201A
30	ECO201A [3-0-0-0]	MICROECONOMICS I	Vimal Kumar, Bikramaditya Datta	ECO	DC,OE,HSS-II	Course not open to students who have already done ECO101A
31	ECO261A [3-0-0-0]	INTRODUCTION TO MATHEMATICAL ECONOMICS	Bikramaditya Datta, Vimal Kumar	ECO	DC,OE,HSS-II	-
32	ECO341A [3-0-3-0]	ECONOMETRICS I	M A Rahman	ECO	DC,OE,HSS-II	Pre-requisite: HSO201A or MSO201A
33	ECO412A [3-0-0-0]	INTERNATIONAL ECONOMICS AND FINANCE	Somesh K Mathur, Vimal Kumar	ECO	-	<ul style="list-style-type: none"> <li>• FLIP CLASSROOM MODE</li> <li>• Only for students having backlog in this course</li> </ul>
34	ECO413A [3-0-0-0]	INDIAN ECONOMIC PROBLEMS	Wasim Ahmad	ECO	DE,OE	-
35	ECO423A [3-0-0-0]	FINANCIAL ECONOMICS	Wasim Ahmad	ECO	DE,OE	-
36	ECO506A [3-0-0-0]	BEHAVIOURAL AND EXPERIMENTAL ECONOMICS	Debayan Pakrashi	ECO	DE,OE	-

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37	ECO507A [3-0-0-0]	TOPICS IN MANAGERIAL ECONOMICS	Deep Mukherjee	ECO	OE	No pre-requisite
38	EE330A [3-1-0-0]	POWER SYSTEMS	Abheejeet Mohapatra, S P Das	EE	DC	-
39	EE392A [0-0-0-0]	UNDER GRADUATE PROJECT II	Pradeep Kumar	EE	-	-
40	EE698E [3-0-0-0]	QUANTUM CRYPTOGRAPHY: THEORY AND PRACTICE	K Pradeep Kumar	EE	DE	-
41	EE301A [3-0-0-0]	DIGITAL SIGNAL PROCESSING	Rajesh M. Hegde	EE	-	Only for EE students of Y16 and earlier batches
42	EE491A [0-0-0-0]	UNDER GRADUATE PROJECT -III	Pradeep Kumar	EE	-	-
43	ART707A [3-0-0-0]	INTRODUCTION TO CHINESE CINEMA	Ritwij Bhowmik	HSS	HSS,OE	-
44	PSY151A [3-1-0-0]	INTRODUCTION TO PSYCHOLOGY	Ark Verma	HSS	HSS,OE	-
45	PSY152A [3-1-0-0]	APPLICATION OF PSYCHOLOGY TO LIFE	Devpriya Kumar	HSS	HSS,OE	-
46	PSY499A [3-0-0-0]	PSYCHOLOGY OF LANGUAGE	Ark Verma	HSS	HSS,OE	-
47	PSY774A [3-0-0-0]	QUALITATIVE RESEARCH : THEORY AND PRACTICE	Kumar Ravi Priya	HSS	DE	Only for PHD students
48	SOC171A [3-1-0-0]	INTRODUCTORY SOCIOLOGY	A K Sharma	HSS	HSS,OE	-
49	SOC473A [3-0-0-0]	INDIAN SOCIETY AND CULTURE	Binay Kumar Pattnaik	HSS	HSS,OE	-
50	SOC486A [3-0-0-0]	HUMAN RIGHTS THEORY AND PRACTICE	M Jha	HSS	HSS,OE	-

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51	IME672A [3-0-0-0]	DATA MINING AND KNOWLEDGE DISCOVERY	Faiz Hamid	IME	OE	Course not open to students who have done CS771A
52	MBA664A [3-0-0-0]	SUPPLY CHAIN MANAGEMENT	R R K Sharma	IME	-	-
53	MBA702A [0-0-0-0]	CAPSTONE PROJECT II	Rahul Varman	IME	DE	-
54	MBA703A [0-0-0-0]	CAPSTONE PROJECT III	Rahul Varman	IME	DE	-
55	MBA704A [0-0-0-0]	CAPSTONE PROJECT IV	Rahul Varman	IME	DE	-
56	ME761A [3-0-0-0]	COMPUTER AIDED MANUFACTURING	J Ramkumar	ME	OE	-
57	ME399A [0-0-0-2]	MECHANICAL ENGINEERING COMMUNICATION SKILLS	Pranav Joshi	ME	-	-
58	ME399A [0-0-0-2]	MECHANICAL ENGINEERING COMMUNICATION SKILLS	Pranav R Joshi	ME	-	Only for students having backlog in this course
59	ME352A [2-0-1-0]	THEORY OF MECHANISMS & MACHINES	Pankaj Wahi	ME	-	Only for students having backlog in this course
60	MSE398A [0-0-0-0]	UNDER GRADUATE PROJECT II	Ashish Garg	MSE	-	-
61	MSE497A [0-0-0-0]	UNDER GRADUATE PROJECT III	Ashish Garg	MSE	-	-
62	MSO201A [3-1-0-0]	PROBABILITY AND STATISTICS	Neeraj Misra	MTH	IC,DC,DE,OE	Course not open to students who have done any of the following courses: HSO201A, CS201A, CS202B, CS203B

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63	MSO202A [3-1-0-0]	COMPLEX VARIABLES	Preena Samuel, Sudhanshu Shekhar	MTH	IC,OE	Modular Course (To be offered in the first half of the Summer Term)
64	MSO203B [3-1-0-0]	PARTIAL DIFFERENTIAL EQUATIONS	Kaushik Bal	MTH	IC,OE	-
65	MTH102A [3-1-0-0]	MATHEMATICS – II	Santosh Pattanayak, Kaushik Bal	MTH	IC	-
66	MTH401A [3-0-0-0]	THEORY OF COMPUTATION	Mohua Banerjee, Akash Anand	MTH	DC	-
67	MTH421A [3-1-0-0]	ORDINARY DIFFERENTIAL EQUATIONS	Dhiren Bahuguna	MTH	DC,DE,OE	-
68	MTH426A [3-0-0-0]	AN INTRODUCTION TO MATHEMATICAL MODELLING	Shakti Ghorai	MTH	DE,OE	-
69	PHY101A [0-0-3-0]	PHYSICS-I	A Kelkar	PHY	IC	Only for PwD students
70	PHY103A [3-1-0-0]	PHYSICS-II	T K Ghosh, D Chakrabarti	PHY	IC	-
71	PE101A [0-0-3-0]	MORNING EXERCISE	Syam Nair	SPEC	IC	Only for students who will Graduate at the end of Summer Term 2019
72	PE102A [0-0-3-0]	EVENING EXERCISE	Syam Nair	SPEC	IC	Only for students who will Graduate at the end of Summer Term 2019

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