

List of courses offered by Departments and Course Coordinator Name (IInd Semester 2016-2017)

Dept. of Electrical Engineering (EE)

Serial No.	Course Slot	Course Code	Course Description	Course Credit	L-T-P	Course Coordinator
1.	F	ELL703	OPTIMAL CONTROL THEORY	3	3-0-0	RKP BHATT
2.	J	ELL705	STOCHASTIC FILTERING AND IDENT	3	3-0-0	SHAUNAK SEN
3.	D	ELL715	DIGITAL IMAGE PROCESSING	4	3-0-2	MONIKA AGGARWAL
4.	X	ELL716	TELECOMMUNICATION SWITCHING AN	3	3-0-0	SUBRAT KAR
5.	A	ELL717	OPTICAL COMMUNICATION SYSTEMS	3	3-0-0	DEVI CHADHA
6.	C	ELL718	STATISTICAL SIGNAL PROCESSING	3	3-0-0	SHANKAR PRAKRIYA
7.	B	ELL719	DETECTION & ESTIMATION THEORY	3	3-0-0	SURINDRA PRASAD
8.	H	ELL720	ADVANCED DIGITAL SIGNAL PROCES	3	3-0-0	SESHAN SRIRANGARAJAN
9.	F	ELL723	BROADBAND COMMUNICATION SYSTEM	3	3-0-0	VINOD CHANDRA
10.	M	ELL726	Nanophotonics and Plasmonics	3	3-0-0	ANUJ DHAWAN
11.	C	ELL730	I.C. TECHNOLOGY	3	3-0-0	M.JAGADESH KUMAR
12.	A	ELL731	MIXED SIGNAL CIRCUIT DESIGN	3	3-0-0	SHOURIBRATA CHATTERJEE
13.	X	ELL739	ADVANCED SEMICONDUCTOR DEVICES	3	3-0-0	MADHUSUDAN SINGH
14.	X	ELL747	ACTIVE AND PASSIVE FILTER DESI	3	3-0-0	MUKUL SARKAR
15.	B	ELL752	ELECTRIC DRIVE SYSTEM	3	3-0-0	BHIM SINGH
16.	L	ELL768	COMPUTER AIDED DESIGN OF POWER	3	3-0-0	RAMKRISHAN MAHESHWARI
17.	F	ELL769	Electrical Systems for Construction Industries	4	3-0-2	B.P. SINGH
18.	F	ELL774	FLEXIBLE AC TRANSMISSION SYSTE	3	3-0-0	MOHAN LAL KOTHARI
19.	E	ELL776	ADVANCED POWER SYSTEM OPTIMIZA	3	3-0-0	P.R. BIJWE
20.	F	ELL778	DYNAMIC MODELLING AND CONTROL	3	3-0-0	NILANJAN SENROY
21.	A	ELL783	OPERATING SYSTEMS	4	3-0-2	SUMANTRA DUTTA

						ROY
22.	C	ELL784	INTRODUCTION TO MACHINE LEARNI	3	3-0-0	SUMANTRA DUTTA ROY
23.	E	ELL786	Multimedia Systems	3	3-0-0	BREJESH LALL
24.	X	ELL802	ADAPTIVE AND LEARNING CONTROL	3	3-0-0	INDRA NARAYAN KAR
25.	X	ELL813	ADVANCED INFORMATION THEORY	3	3-0-0	SAIF KHAN MOHAMMED
26.	H	ELL814	WIRELESS OPTICAL COMMUNICATION	3	3-0-0	V.K. JAIN
27.	X	ELL815	MIMO WIRELESS COMMUNICATIONS	3	3-0-0	MANAV BHATNAGAR
28.	J	ELL817	Access Networks	3	3-0-0	Abhishek Dixit
29.	J	ELL821	SELECTED TOPICS IN COMMUNICATI	3	3-0-0	RANJAN BOSE
30.	M	ELL850	DIGITAL CONTROL OF POWER ELECT	3	3-0-0	MUMMADI VEERACHARY
31.	F	ELL855	HIGH POWER CONVERTERS	3	3-0-0	ANANDARUP DAS
32.	M	ELL870	RESTRUCTURED POWER SYSTEM	3	3-0-0	ABHIJIT RAMCHANDRA ABHYANKAR
33.	X1	ELL880	SPECIAL TOPICS IN COMPUTERS 1	3	3-0-0	SUMANTRA DUTTA ROY
34.	M	ELL881	Special Topics in Computers-II	3	3-0-0	TAPAN KUMAR GANDHI
35.	M	ELL894	NETWORK PERFORMANCE MODELING A	3	3-0-0	SWADES KUMAR DE

Department of Computer Science and Engineering (CS)

1.	D	COL632	INTRODUCTION TO DATA BASESYSTEMS	4	3-0-2	MAYA RAMANATH
2.	E	COL633	RESOURCE MANAGEMENT IN COMPUTER SYSTEMS	4	3-0-2	SORAV BANSAL
3.	B	COL718	ARCH. OF HIGH PERF. COMPUTERS	4	3-0-2	SMRUTI RANJAN SARANGI
4.	J	COL726	NUMERICAL ALGORITHMS	4	3-0-2	SUBHASHIS BANERJEE
5.	H	COL740	SOFTWARE ENGINEERING	4	3-0-2	SURESH CHAND GUPTA
6.	C	COL756	MATHEMATICAL PROGRAMMING	3	3-0-0	AMIT KUMAR
7.	D	COL757	MODEL CENTRIC ALGORITHM DESIGN	4	3-0-2	SANDEEP SEN
8.	B	COL758	ADVANCED ALGORITHMS	4	3-0-2	S.N. MAHESHWARI

9.	F	COL774	MACHINE LEARNING	4	3-0-2	PARAG SINGLA
10	K	COL781	COMPUTER GRAPHICS	4.5	3-0-3	PREM KUMAR KALRA
11	H	COL786	ADVANCED FUNCTIONAL BRAIN IMG.	4	3-0-2	RAHUL GARG
12	C	COL812	SYSTEM LEVEL DESIGN & MODELLING	3	3-0-0	PREETI RANJAN PANDA
13	K	COL819	ADVANCED DISTRIBUTED SYSTEM	4	3-0-2	SMRUTI RANJAN SARANGI
14	J	COL829	ADVANCED COMPUTER GRAPHICS	4	3-0-2	SUBODH KUMAR
15	H	COL863	SPL. TOPICS IN THEO. COMP. SC.	3	3-0-0	AMITABHA BAGCHI
16	J	COL864	SPL. TOPICS IN ARTIFICIAL INT.	3	3-0-0	MAUSAM
17	L	COL867	SPL. TOPICS IN HIGH SPEED NET.	3	3-0-0	VINAY JOSEPH RIBEIRO
18	L	COL869	SPECIAL TOPICS IN CONCURRENCY	3	3-0-0	S.ARUN-KUMAR

Amar Nath & Shashi Khosal School of Information Technology (ANSKSIT)

1.	B	SIL765	NETWORK & SYSTEMS SECUEITY	4	3-0-2	B.N. JAIN
2.	J	SIL801	SPECIAL TOPICS IN MULTIMEDIA SYSTEMS	3	3-0-0	AADITESHWAR SETH
3.	A	SIL802	SPECIAL TOPICS IN WEB BASED COMPUTING	3	3-0-0	PARAG SINGLA

Centre for Applied Research in Electronics (CARE)

1.	E	CRL702	ARCHITECTURES AND ALGORITHMS FOR DSP SYSTEMS	4	2-0-4	ARUN KUMAR
2.	D	CRL704	SENSOR ARRAY SIGNAL PROCESSING	3	3-0-0	MONIKA AGGARWAL
3.	J	CRL706	Sonars	3	3-0-0	RAJENDRA BAHL
4.	A	CRL712	RF AND MICROWAVE ACTIVE CIRCUITS	3	3-0-0	S.K.KOUL
5.	C	CRL722	RF AND MICROWAVE SOLID STATE DEVICES	3	3-0-0	SAMARESH DAS
6.	B	CRL724	RF AND MICROWAVE MEASUREMENT SYSTEM TECHNIQUES	3	3-0-0	ANANJAN BASU
7.	A	CRL732	SELECTED TOPICS IN RFDT-II	3	3-0-0	Pushpapraj Singh

Instrument Design Development Centre (IDDC)

1.	E	DSL712	ELECTRONIC TECH. FOR SIGNAL CONDITIONING & INTERFA	3	3-0-0	D.T. SHAHANI
2.	J	DSL714	INSTRUMENT DESIGN AND SIMULATIONS	3	2-0-2	A.K. AGARWALA
3.	J	DSL732	ADV MAT PROCESSES & DIE DESIGN	3	2-0-2	SUMER SINGH
4.	B	DSL733	OPTICAL MATERIALS & OPTICAL TE	3	2-0-2	GUFRAN SAYEED KHAN
5.	H	DSL734	LASER BASED INSTRUMENTATION	3	3-0-0	CHANDRA SHAKHER
6.	H	DSL782	DESIGN FOR USABILITY	3	2-0-2	JYOTI KUMAR
7.	F	DSL811	SELECTED TOPICS IN INSTRUMENTATION-I	3	3-0-0	A.L. VYAS
8.	F	DSR862	DESIGN IN INDIAN CONTEXT	3	3-0-0	JYOTI KUMAR

Dept. of Mathematics

1.	E	MTL506	COMPLEX ANALYSIS	4	3-1-0	A. TRIPATHI
2.	B	MTL507	TOPOLOGY	4	3-1-0	N.SHRAVAN KUMAR
3.	J	MTL508	MATHEMATICAL PROGRAMMING	4	3-1-0	APARNA MEHRA
4.	A	MTL509	NUMERICAL ANALYSIS	4	3-1-0	HARISH KUMAR
5.	D	MTL510	MEASURE AND INTEGRATION	4	3-1-0	SIVANANTHAN SAMPATH
6.	M	MTL737	DIFFERENTIAL GEOMETRY	3	3-0-0	N.SHRAVAN KUMAR
7.	F	MTL743	FOURIER ANALYSIS	3	3-0-0	SIVANANTHAN SAMPATH
8.	H	MTL776	GRAPH ALGORITHMS	3	3-0-0	BHAWANI SANKAR PANDA
9.	M	MTL782	DATA MINING	4	3-0-2	BHAWANI SANKAR PANDA
10	J	MTL785	NATURAL LANGUAGE PROCESSING	3	3-0-0	NILADRI CHATTERJEE
11	K	MTL792	MODERN METH. IN PAR. DIFF. EQ.	3	3-0-0	KONIJETI SREENADH
12	C	MTL795	NUMERICAL METHOD FOR P.D.E.	4	3-1-0	HARISH KUMAR
13	X	MTL874	Analysis	3	3-0-0	Viswanathan Puthan Veedu

Department of Physics

1.	B	PYL552	ELECTRODYNAMICS	4	3-1-0	SASWATA BHATTACHARYA
2.	H	PYL556	QUANTUM MECHANICS II	3	3-0-0	Brajesh Kumar Mani
3.	C	PYL558	STATISTICAL MECHANICS	4	3-1-0	SANKALPA GHOSH
4.	E	PYL560	APPLIED OPTICS	4	3-1-0	KEDAR BHALCHANDRA KHARE
5.	D	PYL563	SOLID STATE PHYSICS	4	3-1-0	Rohit Narula
6.	H	PYL650	FIBER AND INTEGRATED OPTICS	3	3-0-0	R.K. VARSHNEY
7.	F	PYL651	ADVANCED SOLID STATE PHYSICS	3	3-0-0	RATANAMALA CHATTERJEE
8.	D	PYL704	SC. & TECHNOLOGY OF THIN FILMS	3	3-0-0	SANTANU GHOSH
9.	E	PYL705	NANOSTRUCTURED MATERIALS	3	3-0-0	BODH RAJ
10.	J	PYL707	CHARACTERISATION TEC. FOR MAT.	3	3-0-0	MUKESH CHANDER
11.	H	PYL725	SURFACE PHYSICS AND ANALYSIS	3	3-0-0	PANKAJ SRIVASTAVA
12.	K	PYL726	SEMICONDUCTOR DEVICE TECHNOLOGY	3	3-0-0	G.B. REDDY
13.	C	PYL727	ENERGY MATERIALS AND DEVICES	3	3-0-0	NEERAJ KHARE
14.	K	PYL741	FIELD THEORY & QUANTUM ELECTR.	3	3-0-0	AMRUTA MISHRA
15.	M	PYL742	GEN. RELATIVITY & INTRO. ASTR.	3	3-0-0	AJIT KUMAR
16.	H	PYL746	NON-EQUILIBRIUM STATISTICAL ME	3	3-0-0	RAHUL SURESH MARATHE
17.	F	PYL747	NON-LINEAR OPTICS	3	3-0-0	SUNIL KUMAR
18.	D	PYL752	Laser Systems and Applications	3	3-0-0	P.SENTHILKUMARAN
19.	C	PYL754	Fourier Optics and Holography	3	3-0-0	JOBY JOSEPH
20.	L	PYL758	Advanced Quantum Optics and Applications	3	3-0-0	Bhaskar Kanseri
21.	E	PYL760	BIOMEDICAL OPTICS & BIO-PHOTO.	3	3-0-0	DALIP SINGH MEHTA
22.	H	PYL761	LIQUID CRYSTALS	3	3-0-0	ALOKA SINHA
23.	M	PYL770	ULTRA-FAST OPTICS & APPLICATI.	3	3-0-0	R.K. SONI
24.	J	PYL772	Plasmonic Sensors	3	3-0-0	B.D. GUPTA
25.	X	PYL780	Diffraction and micro optics	3	3-0-0	GUFRAAN SAYEED KHAN
26.	E	PYL792	OPTICAL ELECTRONICS	3	3-0-0	K. THYAGARAJAN

27	B	PYL800	NUM. & COMP. METH. IN RESEARCH	3	3-0-0	ANURAG SHARMA
28	J	PYL891	Fiber Optic Components and Devices	3	3-0-0	R.K. VARSHNEY
29	H	PYL892	GUIDED WAVE PHOTONIC SENSORS	3	3-0-0	ARUN KUMAR
30	P	PYP764	Advanced Optical Workshop	3	0-0-6	GUFRAAN SAYEED KHAN

Dept. of Applied Mechanics (AM)

Serial No.	Course Slot	Course Code	Course Description	Course Credit	L-T-P	Course Coordinator
1.	E	AML702	APPLIED COMPUTATIONAL METHOD	4	3-0-2	ANUPAM DEWAN
2.	H	AML706	FINITE ELEMENT METHODS & ITS APPL.TO MARINE STRU.	3	3-0-0	Retired Employee
3.	C	AML793	SHIP DYNAMICS	3	3-0-0	ISHAQ SAYED MAKKAR
4.	B	AML795	SUBMARINE DESIGN	3	3-0-0	ISHAQ SAYED MAKKAR
5.	A	AML831	THEORY OF PLATES AND SHELLS	3	3-0-0	MALOY KUMAR SINGHA
6.	A	AML835	MECHANICS OF COMPOSITE MATERIALS	3	3-0-0	VIKRANT TIWARI
7.	H	APL705	FINITE ELEMENT METHOD	4	3-0-2	SRIRAM HEGDE
8.	K	APL711	Advanced Fluid Mechanics	3	3-0-0	ARGHYA SAMANTA
9.	A	APL715	Physics of Turbulent Flows	3	3-0-0	S.V. VEERAVALLI
10.	M	APL720	Computational Fluid Dynamics	4	3-0-2	SAWAN SUMAN SINHA
11.	A	APL750	MODERN ENGINEERING MATERIALS	3	3-0-0	JAYANT JAIN
12.	J	APL763	Micro & Nanoscale Mechanical Behaviour of Materials	4	3-0-2	RAJESH PRASAD
13.	A	APL767	ENGG. FAILURE ANALYSIS & PREV.	3	3-0-0	Nitya Nand Gosvami
14.	J	APL774	Modeling and Analysis	3	3-0-0	Sushma Santapuri
15.	C	APL796	Advanced Solid Mechanics	3	3-0-0	AJEET KUMAR
16.	B	APL871	Product Reliability & Maintenance	3	3-0-0	SUHAIL AHMED

Dept. of Mechanical Engineering (ME)

1.	C	MCL705	EXPERIMENTAL METHODS	4	3-0-2	SANGEETA KOHLI
2.	B	MCL730	Designing with Advance Materials	4	3-0-2	NARESH VARMA DATLA
3.	A	MCL733	Vibrations and Noise Engineering	4	3-0-2	ASHISH KAMALAKAR DARPE
4.	D	MCL736	Automotive Design	4	3-0-2	ANOOP CHAWLA
5.	B	MCL738	Dynamics of Multibody Systems	3	2-0-2	SUBIR KUMAR SAHA
6.	C	MCL741	Control Engineering	4	3-0-2	SUBODH VASANT MODAK
7.	F	MCL743	Plant Equipment Design	3	3-0-0	KSHITIJ GUPTA
8.	E	MCL745	ROBOTICS	4	3-0-2	SUDIPTO MUKHERJEE
9.	J	MCL747	Design of Precision Machines	3	2-0-2	JITENDRA PRASAD KHATAIT
10.	H	MCL748	Tribological System Design	4	3-0-2	R.K.PANDEY
11.	E	MCL754	OPERATIONS PLANNING AND CONTRO	3	3-0-0	NOMESH BHOJKUMAR BOLIA
12.	H	MCL771	VALUE ENGINEERING AND LIFE CYC	3	3-0-0	ANAND DEV GUPTA
13.	B	MCL782	COMPUTATIONAL METHODS	2	2-0-0	PULAK MOHAN PANDEY
14.	F	MCL784	COMPUTER AIDED MANUFACTURING	4	3-0-2	SUNIL JHA
15.	E	MCL786	METROLOGY	3	2-0-2	SUDARSAN GHOSH
16.	A	MCL787	WELDING SCIENCE AND TECHNOLOGY	4	3-0-2	SUNIL PANDEY
17.	F	MCL814	Convective Heat Transfer	3	3-0-0	ANJAN RAY
18.	D	MCL815	Fire Dynamics and Engineering	4	2-0-4	S.R. KALE
19.	A	MCL822	Steam and Gas Turbines	4	3-0-2	P.M.V.SUBBARAO
20.	E	MCL823	Thermal Design	4	3-0-2	PRABAL TALUKDAR
21.	D	MCL825	Design of Wind Power Farms	4	3-0-2	P.M.V.SUBBARAO
22.	F	MCL865	Advanced Operation Research	3	3-0-0	KIRAN SETH

Industrial Tribology Machine Dynamics & Maintenance Engineering (ITMMEC)

1.	H	IT709	MAINTENANCE PLANNING AND CONTROL	3	3-0-0	Shahab Fatima
2.	J	ITL702	DIAGNOSTIC MAINTENANCE AND MONITORING	4	3-0-2	NARESH TANDON
3.	F	ITL711	RELIABILITY AVAILABILITY AND MAINTAINABILITY(RAM)	3	3-0-0	O.P. GANDHI
4.	B	ITL714	FAILURE ANALYSIS AND REPAIR	4	3-0-2	DEEPAK KUMAR

Centre for Energy Studies (CES)

1.	B	ESL710	ENERGY, ECOLOGY AND ENVIRONMENT	3	3-0-0	DR. M.G. DASTIDAR
2.	M	ESL714	POWER PLANT ENGG.	3	3-0-0	K.A. SUBRAMANIAN
3.	M	ESL718	POWER GENERATION ,TRANSMISSION & DISTRIBUTION	3	3-0-0	T.S.BHATTI
4.	E	ESL720	ENERGY CONSERVATION	3	3-0-0	DIBAKAR RAKSHIT
5.	A	ESL730	DIRECT ENERGY CONVERSION	3	3-0-0	MRS. R. UMA
6.	H	ESL732	BIOCONVERSION AND PROCESSING OF WASTE	3	3-0-0	D.K. SHARMA
7.	D	ESL734	NUCLEAR ENERGY	3	3-0-0	RAMESH NARAYANAN
8.	H	ESL737	PLASMA BASED MATERIALS PROCESSING	3	3-0-0	A. GANGULI
9.	F	ESL746	HYDROGEN ENERGY	3	3-0-0	L.M. DAS
10	F	ESL755	SOLAR PHOTOVOLTAIC DEVICES AND SYSTEMS	3	3-0-0	Sandeep Kumar Pathak
11	H	ESL871	ADVANCED FUSION ENERGY	3	3-0-0	R.P. SHARMA
12	M	ESL880	Solar Thermal Power Generation	3	3-0-0	T.C. KANDPAL

Dept. of Biomedical Engineering & Biotechnology (DBEB)

1.	B	BBL736	DYNAMICS OF MICROBIAL SYSTEMS	3	3-0-0	ATUL NARANG
2.	D	BBL740	PLANT CELL TECHNOLOGY	3	2-0-2	A.K. SRIVASTAVA
3.	D	BBL742	BIOLOGICAL WASTE TREATMENT	4	3-0-2	T.R.SREEKRISHNAN
4.	E	BBL745	COMBINATORIAL BIOTECHNOLOGY	3	3-0-0	PREETI SRIVASTAVA
5.	F	BBL746	Current Topics in Biochemical Engineering and Biotechnology	3	3-0-0	SAROJ MISHRA
6.	E	BBL747	BIONANOTECHNOLOGY	3	3-0-0	PRASHANT MISHRA
7.	F	BBL749	CANCER CELL BIOLOGY	4.5	3-0-3	RITU KULSHRESTHA

Kusuma School of Biological Sciences (KSBS)

1.	M	SBL701	BIOMETRY	3	3-0-0	ADITYA MITTAL
2.	D	SBL703	ADVANCED CELL BIOLOGY	3	3-0-0	BISHWAJIT KUNDU
3.	E	SBL704	HUMAN VIROLOGY	3	3-0-0	VIVEKANANDAN PERUMAL
4.	B	SBL705	BIOLOGY OF PROTEINS	3	3-0-0	TAPAN KUMAR CHAUDHURI

Centre for Biochemical Engineering & Biotechnology (CBME)

1.	H	BML710	INDUSTRIAL BIOMATERIAL TECHNOLOGY	3	3-0-0	VEENA KOUL
2.	M	BML735	BIOMEDICAL SIGNAL AND IMAGE PR	3	2-0-2	ANUP SINGH
3.	K	BML741	MEDICAL DEVICE DESIGN	4	2-0-4	DINESH KALYANASUNDARAM
4.	J	BML750	POINT OF CARE MEDICAL DIAG DEV	3	3-0-0	SANDEEP KUMAR JHA
5.	B	BML800	RESEARCH TECHNIQUES IN BIOMEDICAL ENGINEERING	3	3-0-0	SNEH ANAND
6.	J	BML820	BIOMATERIALS	3	3-0-0	HARPAL SINGH

Department of Chemical Engineering

1.	E	CHL727	HETEROGENEOUS CATALYSIS AND CATALYTIC REACTORS	4	3-0-2	KAMAL KISHORE PANT
2.	B	CLL722	ELECTROCHEM. CONV. & STO. DEV.	3	3-0-0	ANUPAM SHUKLA
3.	E	CLL727	HETERO. CATALYSIS & CATA. REA.	3	3-0-0	KAMAL KISHORE PANT
4.	A	CLL731	ADVANCED TRANSPORT PHENOMENA	3	3-0-0	VIVEK VITTHAL BUWA
5.	D	CLL733	INDUSTRIAL MULTIPHASE REACTORS	3	3-0-0	RATAN MOHAN
6.	B	CLL735	DESIGN OF MULTICOMP. SEP. PRO.	3	3-0-0	SUDDHASTWA BASU
7.	H	CLL766	INTERFACIAL ENGINEERING	3	3-0-0	A.N. BHASKARWAR
8.	B	CLL767	STRUCTURES & PROP. OF POLYMERS	3	3-0-0	SUDIP KUMAR PATTANAYEK
9.	F	CLL771	INTRODUCTION TO COMPLEX FLUIDS	3	3-0-0	VIKRAM SINGH
10.	E	CLL772	TRANS. PHEN. IN COMPLEX FLUIDS	3	3-0-0	PARESH PRAVINCHANDRA CHOKSHI

11	H	CLL779	MOL. BIOTECH. & IN-VITRO DIAG.	3	3-0-0	SHALINI GUPTA
12	E	CLL782	PROCESS OPTIMIZATION	3	3-0-0	SHAIK ABDUL MUNAWAR
13	H	CLL785	EVOLUTIONARY OPTIMIZATION	3	3-0-0	MANOJKUMAR CHARANDAS RAMTEKE
14	E	CLL786	FINE CHEMICALS TECHNOLOGY	3	3-0-0	RAJESH KHANNA
15	F	CLL793	MEMBRANE SCIENCE & ENGINEERING	3	3-0-0	S.K. GUPTA

Department of Chemistry

1.	F	CML521	MOLECULAR THERMODYNAMICS	3	3-0-0	SHASHANK DEEP
2.	A	CML522	CHEMICAL DYNA. & SURFACE CHEM.	3	3-0-0	NARAYANAN D.KURUR
3.	D	CML523	ORGANIC SYNTHESIS	3	3-0-0	N.G.RAMESH
4.	E	CML524	TRAN. & INNER TRAN. METAL CHE.	3	3-0-0	D.K. BANDYOPADHYAY
5.	B	CML525	BASIC ORGANOMETALIC CHEMISTRY	3	3-0-0	S.NAGENDRAN
6.	C	CML526	STR. & FUNC. OF CELLULAR BIOM.	3	3-0-0	TANMAY DUTTA
7.	D	CML665	Biophysical Chemistry	3	3-0-0	PRAMIT KUMAR CHOWDHURY
8.	A	CML675	Chemistry of Heterocyclic compounds	3	3-0-0	SAMEER SAPRA
9.	A	CML695	Applied Biocatalysis	3	3-0-0	SAMEER SAPRA
10.	A	CML724	SYNTHESIS OF INDUSTRIALLY IMPO	3	3-0-0	RAVI SHANKAR
11.	C	CML729	MATERIAL CHARACTERIZATION	3	3-0-0	PRAVIN POPINAND INGOLE
12.	E	CML737	APPLIED SPECTROSCOPY	3	3-0-0	NIDHI JAIN
13.	F	CML738	APPLICATIONS OF P-BLOCK ELEMEN	3	3-0-0	ANIL JACOB ELIAS
14.	K	CML739	APPLIED BIOCATALYSIS	3	3-0-0	SUNIL KUMAR KHARE
15.	L	CML740	CHEMISTRY OF HETEROCYCLIC COMP	3	3-0-0	RAVI P. SINGH
16.	B	CML801	MOLECULAR MODELLING AND SIMULA	3	3-0-0	HEMANT KUMAR KASHYAP

Centre for Polymer Science & Engineering (CPSE)

1.	B	PTL702	POLYMER PROCESSING	3	3-0-0	A.K. GHOSH
2.	J	PTL709	POLYMER TECHNOLOGY	3	3-0-0	SAMPA SAHA
3.	F	PTL716	RUBBER TECHNOLOGY	3	3-0-0	JOSEMON JACOB

Department of Civil Engineering (CE)

1.	H	CVL702	GROUND IMPROVEMENT AND GEOSYNTHETICS	3	3-0-0	R. AYOTHIRAMAN
2.	B	CVL703	GEOENVIRONMENTAL ENGINEERING	3	3-0-0	MANOJ DATTA
3.	F	CVL705	SLOPES AND RETAINING STRUCTURES	3	3-0-0	BAPPADITYA MANNA
4.	E	CVL706	SOIL DYNAMICS AND EARTHQUAKE GEOTECHNICAL ENGG.	3	3-0-0	JAGDISH TELANGRAO SHAHU
5.	E	CVL712	SLOPES AND FOUNDATIONS	3	3-0-0	K.G. SHARMA
6.	D	CVL713	ANALYSIS AND DESIGN OF UNDERGROUND STRUCTURES	3	3-0-0	K.G. SHARMA
7.	F	CVL714	FIELD EXPLORATION AND GEOTECHNICAL PROCESSES	3	3-0-0	TANUSREE CHAKRABORTY
8.	A	CVL715	EXCAVATION METHODS & UNDERGROUND SPACE TECHNOLOGY	3	3-0-0	K.S. RAO
9.	E	CVL721	SOLID WASTE ENGINEERING	3	3-0-0	BABU J.ALAPPAT
10.	F	CVL723	WASTE WATER ENGINEERING	3	3-0-0	ARUN KUMAR
11.	B	CVL724	ENVIRONMENTAL SYSTEMS ANALYSIS	3	3-0-0	ARVIND KUMAR NEMA
12.	A	CVL728	ENVIRONMENTAL QUALITY MODELING	3	3-0-0	MUKESH KHARE
13.	D	CVL734	ADVANCED HYDRAULICS	3	3-0-0	DEO RAJ KAUSHAL
14.	J	CVL735	FINITE ELEMENT IN WATER RESOU.	3	3-0-0	N.K. GARG
15.	K	CVL746	PUBLIC TRANSPORTATION SYSTEMS	3	3-0-0	Manoj M
16.	E	CVL760	THEORY OF CONCRETE STRUCTURES	3	3-0-0	GURMAIL S. BENIPAL
17.	B	CVL761	THEORY OF STEEL STRUCTURES	3	3-0-0	DIPTI RANJAN SAHOO
18.	C	CVL762	EARTHQUAKE ANALYSIS AND DESIGN	3	3-0-0	VASANT A. MATSAGAR
19.	E	CVL774	CONSTRUCTION CONTRACT MGMT.	3	3-0-0	K. CHANDRASHEKHAR IYER

20	B	CVL775	CONSTRUCTION ECONOMICS AND FI	3	3-0-0	K. CHANDRASHEKHAR IYER
21	D	CVL776	CONSTRUCTION PRACTICES AND EQ	3	3-0-0	A.K. JAIN
22	F	CVL778	BUILDING SERVICES AND MAINTENA	3	3-0-0	B.BHATTACHARJEE
23	H	CVL811	NUMERICAL AND COMPUTER METHODS IN GEOMECHANICS	3	3-0-0	TANUSREE CHAKRABORTY
24	D	CVL825	FUNDAMENTAL OF AEROSOL:HEALTH AND CLIMATE CHANGE	3	3-0-0	GAZALA HABIB
25	F	CVL830	GROUNDWATER FLOW AND POLLUTION MODELING	3	3-0-0	A.K.KESHARI
26	C	CVL832	HYDROELECTRIC ENGINEERING	3	3-0-0	RAKESH KHOSA
27	A	CVL833	WATER RESOURCES SYSTEMS	3	3-0-0	RAKESH KHOSA
28	H	CVL838	GEOGRAPHIC INFORMATION SYSTEMS	3	2-0-2	A.K. GOSAIN
29	B	CVL844	TRANSPORTATION INFRASTRUCTURE	3	3-0-0	ARAVIND KRISHNA SWAMY
30	A	CVL847	Transportation Economics	3	3-0-0	GEETAM TEWARI
31	M	CVL849	TRAFFIC FLOW MODELLING	3	3-0-0	RAMACHANDRA RAO KALAGA
32	J	CVL859	Theory of Structural Stability	3	3-0-0	GURMAIL S. BENIPAL
33	D	CVL861	ANALYSIS & DESIGN OF M/C FOU.	3	3-0-0	SURESH BHALLA
34	J	CVL864	STRUCTURAL HEALTH MONITORING	3	3-0-0	SURESH BHALLA
35	A	CVL871	DURABILITY AND REPAIR OF CONCR	3	3-0-0	SHASHANK BISHNOI
36	C	CVL875	SUSTAINABLE MATERIALS AND GREE	3	3-0-0	B.BHATTACHARJEE

Dept. of Management Studies (DMS)

1.	R	MSL703	Management of Technology Transfer and Absorption	3	3-0-0	SANJAY DHIR
2.	Q	MSL708	FINANCIAL MANAGEMENT	3	3-0-0	SHVETA SINGH
3.	F	MSL708	FINANCIAL MANAGEMENT	3	3-0-0	P.K.JAIN
4.	D	MSL711	STRATEGIC MANAGEMENT	3	3-0-0	SANJAY DHIR
5.	C	MSL720	MACROECONOMIC ENV. OF BUSINESS	3	3-0-0	AMLENDU KUMAR DUBEY
6.	K	MSL720	MACROECONOMIC ENV. OF BUSINESS	3	3-0-0	SEEMA SHARMA

7.	S	MSL721	Econometrics	3	3-0-0	AMLENDU KUMAR DUBEY
8.	J	MSL723	TELECOM SYSTEMS MANAGEMENT	3	3-0-0	MAHIM SAGAR
9.	E	MSL728	INTERNATIONAL TELECOM MANAGEMENT	3	3-0-0	RAVI SHANKAR
10	U	MSL740	QUANTITATIVE METHODS IN MGMT.	3	3-0-0	SURYA PRAKASH SINGH
11	H	MSL745	OPERATIONS MANAGEMENT	3	3-0-0	DR.JITENDRA MADAAN
12	Q	MSL802	MGMT. OF INTELLECTUAL PR. RIG.	3	3-0-0	SUDHIR KUMAR JAIN
13	R	MSL806	MERGERS & ACQUISITIONS	3	3-0-0	SMITA KASHIRAMKA
14	T	MSL821	STRATEGY EXECUTION EXCELLENCE	3	3-0-0	SUSHIL
15	Q	MSL840	MANUFACTURING STRATEGY	3	3-0-0	DR.JITENDRA MADAAN
16	K	MSL841	SUPPLY CHAIN ANALYTICS	3	3-0-0	RAVI SHANKAR
17	Q	MSL856	Business Intelligence	3	3-0-0	MANMOHAN PRASAD GUPTA
18	R	MSL865	Sales Management	3	3-0-0	HARISH CHAUDHRY
19	E	MSL873	Security Analysis & Portfolio Management	3	3-0-0	SURENDRA SINGH YADAV
20	S	MSL875	International Financial Management	3	3-0-0	SURENDRA SINGH YADAV
21	T	MSL885	Digital Marketing-Analytics & Optimization	3	3-0-0	ARPAN KUMAR KAR
22	U	SML870	ADVANCED FINANCIAL MANAGEMENT	3	2-0-2	SHVETA SINGH

Centre for Rural Development & Technology (CRDT)

1.	J	RDL700	BIOMAS PRODUCTION	3	3-0-0	SATYAWATI SHARMA
2.	H	RDL701	RURAL INDUSTRIALISATION POLICES PROGRAMMES AND CASE	3	3-0-0	RAJENDRA PRASAD
3.	F	RDL722	RURAL ENERGY SYSTEMS	3	3-0-0	VIRENDRA KUMAR VIJAY
4.	M	RDL726	HERBAL,MEDICINAL ANDAROMATIC PRODUCTS	3	2-0-2	S.N.NAIK
5.	X	RDL730	TECHNOLOGY ALTERNATIVES FOR RURAL DEVELOPMENT	3	3-0-0	VIJAYARAGHAVAN M. CHARIAR

6.	B	RDL740	TECHNOLOGY OF UTILIZATION OF WASTELANDS & WEEDS	3	3-0-0	ANUSHREE MALIK
7.	J	RDL760	FOOD QUALITY AND SAFETY	3	3-0-0	SANTOSH

Department of Textile Technology (TT)

1.	D	TXL715	Technology of Solution Spun Fibers	3	3-0-0	MANJEET JASSAL
2.	A	TXL725	MECHANICS OF SPINNING MACHINES	3	3-0-0	R.S. RENGASAMY
3.	E	TXL740	SC. & APP. OF NANOTEC. IN TEX.	3	3-0-0	MANGALA JOSHI
4.	B	TXL766	DE. & MANUF. OF TEXT. STR. CO.	3	3-0-0	B.K.BEHERA
5.	J	TXL771	Electronics and Controls for Textile Industry	4	3-0-2	Ankur Gupta
6.	H	TXL773	MEDICAL TEXTILES	3	3-0-0	SOURABH GHOSH
7.	D	TXL775	TECHNICAL TEXTILES	3	3-0-0	APURBA DAS
8.	H	TXL777	PRODUCT DESIGN AND DEVELOPMENT	3	3-0-0	R. CHATTOPADHYAY
9.	F	TXL782	PRODUCTION & OPERATIONS MGMT	3	3-0-0	S.M. ISHTIAQUE
10.	E	TXL783	DESIGN OF EXPER. & STAT. TECH.	3	3-0-0	R. CHATTOPADHYAY

Centre for Atmospheric Sciences (CAS)

1.	E	ASL733	PHYSICS OF THE ATMOSPHERE	3	3-0-0	MANJU MOHAN
2.	H	ASL734	DYNAMICS OF THE ATMOSPHERE	3	3-0-0	MAITHILI SHARAN
3.	D	ASL736	SCIENCE OF CLIMATE CHANGE	3	3-0-0	KRISHNA MIRLE ACHUTARAO
4.	E	ASL737	PHYSICAL AND DYNAMICAL OCEANOGRAPHY	3	3-0-0	A.D. RAO
5.	B	ASL754	CLOUD PHYSICS	3	3-0-0	DILIP GANGULY
6.	F	ASL755	REMOTE SENSING OF THE ATMOSPHERE AND OCEAN	3	3-0-0	SAGNIK DEY
7.	E	ASL757	TROPICAL WEATHER AND CLIMATE	3	3-0-0	SAROJ KANTA MISHRA
8.	K	ASL760	RENEWABLE ENERGY METEOROLOGY	3	3-0-0	SOMNATH BAIDYA ROY
9.	J	ASL763	COASTAL OCEAN AND ESTUARINE PROCESSES	3	3-0-0	VIMLESH PANT

Dept. of Humanities & Social Sciences (HUSS)

1.	X4	HUL703	AGRARIAN SOCIETIES AND RURAL	3	3-0-0	RICHA KUMAR
2.	M	HUL736	PLANNING AND ECONOMIC DEVELOPMENT	3	3-0-0	ANKUSH AGRAWAL
3.	B	HUL737	ADVANCED GROWTH THEORY	3	3-0-0	DEBASIS MONDAL
4.	B	HUL756	TIME SERIES ECONOMETRICS AND F	3	3-0-0	SOURABH BIKAS PAUL
5.	M	HUL810	COMMUNICATION SKILLS	3	3-0-0	MILIND WAKANKAR
6.	X1	HUL840	PHILOSOPHY OF SOCIAL SCIENCES	3	3-0-0	BIJOY H.BORUAH
7.	X6	HUL841	PHILOSOPHY OF SCIENCE	3	3-0-0	ARUDRA VENKATA BURRA
8.	K	HUL843	THE PHILOSOPHY OF LANGUAGE	3	3-0-0	RAJAKRISHNAN RAJKUMAR
9.	X5	HUL881	ELEMENTS OF THE NARRATIVE ART	3	3-0-0	DIVYA DWIVEDI