

List of course I-Semester 2017-18 under PCR

Course Slot	Course Code	Course Description	Course Credit	L-T-P	Course Coordinator
		<u>Department of Computer Science (CSE)</u>			
D	COL671	ARTIFICIAL INTELLIGENCE	4	3-0-2	SAROJ KAUSHIK
F	COL672	COMPUTER NETWORKS	4	3-0-2	AADITESHWAR SETH
A	COL702	ADVANCED DATA STRUCTURES	4	3-0-2	SANDEEP SEN
L	COL703	LOGIC FOR COMPUTER SCIENCE	4	3-0-2	S.ARUN-KUMAR
B	COL719	SYNTHESIS OF DIGITAL SYSTEMS	4	3-0-2	PREETI RANJAN PANDA
J	COL730	PARALLEL PROGRAMMING	4	3-0-2	SUBODH KUMAR
E	COL733	CLOUD COMPUTING TECHNO. FUNDA.	4	3-0-2	SURESH CHAND GUPTA
C	COL750	FOUNDATIONS OF AUTOMATIC VERI.	4	3-0-2	Subodh Vishnu Sharma
K	COL759	CRYPTOGRAPHY & COMPUTER SEC.	3	3-0-0	NAVEEN GARG
B	COL765	INTRO. TO LOGIC & FUNCT. PROG.	4	3-0-2	SANJIVA PRASAD
F	COL768	WIRELESS NETWORKS	4	3-0-2	B.N. JAIN
X2	COL780	COMPUTER VISION	4	3-0-2	SUBHASHIS BANERJEE
J	COL783	DIGITAL IMAGE ANALYSIS	4.5	3-0-3	PREM KUMAR KALRA
H	COL788	ADV. TOPICS IN EMBEDDED COMP.	3	3-0-0	KOLIN PAUL
H	COL818	PRINCIPLES OF MULTIPR. SYSTEMS	4	3-0-2	SMRUTI RANJAN SARANGI
A	COL862	SPL TOPICS IN SOFTWARE SYSTEMS	3	3-0-0	SORAV BANSAL
H	COL865	SPECIAL TOPICS IN COMPUTER AP.	3	3-0-0	PARAG SINGLA
X	COL866	SPECIAL TOPICS IN ALGORITHMS	3	3-0-0	RAGESH JAISWAL
X3	COL867	SPL. TOPICS IN HIGH SPEED NET.	3	3-0-0	HUZUR SARAN
X1	COL868	SPL. TOPICS IN DATABASE SYST.	3	3-0-0	MAYA RAMANATH
M	COL870	SPL. TOPICS IN MACHINE LEARNI.	3	3-0-0	Sayan Ranu
E	CRL601	BASICS OF STATISTICAL SIGNAL A	3	2-0-2	Prabhu Babu

		<u>Department of Electrical Engineering (EE)</u>			
E	ELL305	COMPUTER ARCHITECTURE	3	3-0-0	TAPAN KUMAR GANDHI
F	ELL700	LINEAR SYSTEMS THEORY	3	3-0-0	RKP BHATT
B	ELL701	MATHEMATICAL METHODS IN CONTRO	3	3-0-0	MASHUQ-UN-NABI
M	ELL702	NONLINEAR SYSTEMS	3	3-0-0	Deepak U. Patil
A	ELL704	ADVANCED ROBOTICS	3	3-0-0	S. JANARDHANAN
C	ELL707	SYSTEMS BIOLOGY	3	3-0-0	SHAUNAK SEN
F	ELL710	CODING THEORY	3	3-0-0	RANJAN BOSE

A	ELL711	SIGNAL THEORY	3	3-0-0	RANJAN KUMAR MALLIK
M	ELL712	DIGITAL COMMUNICATIONS	3	3-0-0	SAIF KHAN MOHAMMED
B	ELL713	MICROWAVE THEORY AND TECHNIQUE	3	3-0-0	MAHESH P. ABEGAONKAR
E	ELL714	BASIC INFORMATION THEORY	3	3-0-0	MANAV BHATNAGAR
J	ELL725	WIRELESS COMMUNICATIONS	3	3-0-0	SESHAN SRIRANGARAJAN
F	ELL727	DIGITAL COMMUNICATION & INFORM	3	3-0-0	VINOD CHANDRA
H	ELL728	OPTOELECTRONIC INSTRUMENTATION	3	3-0-0	V.K. JAIN
C	ELL732	MICRO AND NANO ELECTRONICS	3	3-0-0	M.JAGADESH KUMAR
E	ELL734	MOS VLSI DESIGN	3	3-0-0	BASABI BHAUMIK
D	ELL735	ANALOG INTEGRATED CIRCUITS	3	3-0-0	MUKUL SARKAR
M	ELL738	MICRO AND NANO PHOTONICS	3	3-0-0	ANUJ DHAWAN
X	ELL740	COMPACT MODELING OF SEMICONDUCTOR	3	3-0-0	ABHISEK DIXIT
X	ELL742	INTRODUCTION TO MEMS DESIGN	3	3-0-0	BHASKAR MITRA
X	ELL750	MODELLING OF ELECTRICAL MACHINES	3	3-0-0	RAMKRISHAN MAHESHWARI
A	ELL751	POWER ELECTRONIC CONVERTERS	3	3-0-0	MUMMADI VEERACHARY
X	ELL753	PHYSICAL PHENOMENA IN ELECTRIC	3	3-0-0	B.P. SINGH
M	ELL758	POWER QUALITY	3	3-0-0	BHIM SINGH
X	ELL764	ELECTRIC VEHICLES	3	3-0-0	AMIT KUMAR JAIN
A	ELL770	POWER SYSTEM ANALYSIS	3	3-0-0	ABHIJIT RAMCHANDRA ABHYANKAR
E	ELL771	ADVANCED POWER SYSTEM PROTECTION	3	3-0-0	BIJAYA KETAN PANIGRAHI
F	ELL775	POWER SYSTEM DYNAMICS	3	3-0-0	SUKUMAR MISHRA
M	ELL780	MATHEMATICAL FOUNDATIONS OF CO	3	3-0-0	SUMEET AGARWAL
C	ELL781	SOFTWARE FUNDAMENTALS FOR COMP	3	3-0-0	SUMEET AGARWAL
A	ELL782	COMPUTER ARCHITECTURE	3	3-0-0	SUMANTRA DUTTA ROY
J	ELL784	INTRODUCTION TO MACHINE LEARNING	3	3-0-0	SUMEET AGARWAL
H	ELL785	COMPUTER COMMUNICATION NETWORK	3	3-0-0	JUN BAE SEO
X1	ELL787	EMBEDDED SYSTEMS AND APPLICATIONS	3	3-0-0	S.M.K. RAHMAN
D	ELL793	COMPUTER VISION	3	3-0-0	BREJESH LALL
X	ELL801	NONLINEAR CONTROL	3	3-0-0	SHUBHENDU BHASIN

M	ELL818	TELECOMMUNICATION TECHNOLOGIES	3	3-0-0	SUBRAT KAR
A	ELL820	PHOTONIC SWITCHING & NETWORKING	3	3-0-0	DEVI CHADHA
A	ELL823	Selected Topics in Information Processing-I	3	3-0-0	S.D. JOSHI
X	ELL824	Selected Topics in Information Processing - II	3	3-0-0	SURINDRA PRASAD
A	ELL832	SELECTED TOPICS IN IEC-I	3	3-0-0	MANAN SURI
A	ELL834	SELECTED TOPICS IN IEC-II	3	3-0-0	Debanjan Bhowmik
X1	ELL880	SPECIAL TOPICS IN COMPUTERS 1	3	3-0-0	SUMANTRA DUTTA ROY
L	ELL890	COMPUTATIONAL NEUROSCIENCE	3	3-0-0	TAPAN KUMAR GANDHI
		<u>Applied Research in Electronics (CARE)</u>			
J	CRL611	BASICS OF RF AND MICROWAVES	3	#####	ANANJAN BASU
E	CRL621	FUNDAMENTALS OF SEMICONDUCTOR	3	3-0-0	Vikram Kumar
J	CRL707	HUMAN & MACHINE SPEECH COMMUNICATION	3	3-0-0	ARUN KUMAR
B	CRL709	UNDERWATER ELECTRONIC SYSTEMS	3	3-0-0	RAJENDRA BAHL
A	CRL711	CAD OF RF AND MICROWAVE DEVICES	4	3-0-2	S.K.KOUL
H	CRL715	RADIATING SYSTEM FOR RF COMMUNICATION	3	3-0-0	MAHESH P. ABEGAONKAR
E	CRL726	RF MEMS DESIGN AND TECHNOLOGY	3	3-0-0	Pushpapraj Singh
F	CRL729	SENSORS AND TRANSDUCERS	3	3-0-0	Ankur Gupta
D	CRL731	SELECTED TOPICS IN RFDT-I	3	3-0-0	MONIKA AGGARWAL
X	CRL732	SELECTED TOPICS IN RFDT-II	3	3-0-0	SAAKSHI DHANEKAR
X0	CRL733	SELECTED TOPICS IN RFDT-III	3	3-0-0	MONIKA AGGARWAL

		<u>Instrument Design Development Centre (IDDC)</u>			
F	DSL601	ELECTRO. COMPONENTS & CIRCUITS	3	3-0-0	A.L. VYAS
J	DSL603	MATERIAL & MECHANICAL DESIGN	3	3-0-0	I.P. SINGH
E	DSL711	SENSORS AND TRANSDUCERS	3	3-0-0	D.T. SHAHANI
B	DSL722	PRECISION MEASUREMENTS SYSTEMS	3	3-0-0	GUFAN SAYEED KHAN
H	DSL731	OPTICAL COMPONENTS & BASIC IN.	3	3-0-0	CHANDRA SHAKHER
H	DSL751	FORM AND AESTHETICS	3	2-0-2	SUMER SINGH
Q	DSR822	DESIGN FOR SUSTAINABILITY	3	2-0-2	SUMER SINGH
R	DSR832	DESIGN FOR USER EXPERIENCE	3	3-0-0	JYOTI KUMAR

Dept. of Physics (PY)					
F	PYL411	QUANTUM ELECTRONICS	3	3-0-0	K. THYAGARAJAN
C	PYL414	ENGINEERING OPTICS	3	3-0-0	JOBY JOSEPH
A	PYL551	CLASSICAL MECHANICS	4	3/1/2000	RAHUL SURESH MARATHE
C	PYL553	MATHEMATICAL PHYSICS	4	3/1/2000	Brajesh Kumar Mani
E	PYL555	QUANTUM MECHANICS I	4	3/1/2000	AJIT KUMAR
F	PYL557	ELECTRONICS	4	3/1/2000	MUKESH CHANDER
E	PYL567	ATOMIC AND MOLECULAR PHYSICS	3	3-0-0	SUNIL KUMAR
F	PYL569	NUCLEAR AND PARTICLE PHYSICS	3	3-0-0	A.K. SHUKLA
B	PYL655	LASER PHYSICS	3	3-0-0	ALOKA SINHA
D	PYL657	PLASMA PHYSICS	3	3-0-0	HITENDRA KUMAR MALIK
C	PYL701	PHYSICAL FOUNDATIONS OF MATERI	3	3-0-0	PANKAJ SRIVASTAVA
D	PYL702	PHYSICS OF SEMICONDUCTOR DEVIC	3	3-0-0	BODH RAJ
E	PYL703	ELECTRONIC PROPERTIES OF MATER	3	3-0-0	G.B. REDDY
H	PYL707	CHARACTERISATION TEC. FOR MAT.	3	3-0-0	SANTANU GHOSH
K	PYL723	VACUUM SCIENCE AND CRYOGENICS	3	3-0-0	RAJENDRA SINGH DHAKA
J	PYL724	Advances in Spintronics	3	3-0-0	RATANAMALA CHATTERJEE
A	PYL739	COMP. TE. FOR SOLID STATE MAT.	3	3-0-0	SASWATA BHATTACHARYA
C	PYL740	ADVAN. CONDENSED MATTER THEORY	3	3-0-0	SANKALPA GHOSH
H	PYL744	HIGH ENERGY PHYSICS	3	3-0-0	AMRUTA MISHRA
D	PYL751	OPTICAL SOURCES, PHOTOMETRY AN	3	3-0-0	Bhaskar Kanseri
B	PYL753	OPTICAL SYSTEMS DESIGN	3	3-0-0	B.D. GUPTA
J	PYL755	BASIC OPTICS AND OPTICAL INSTR	3	3-0-0	P.SENTHILKUMARAN
K	PYL759	Computational optical imaging	3	3-0-0	KEDAR BHALCHANDRA KHARE
M	PYL771	Green Photonics	3	3-0-0	DALIP SINGH MEHTA
D	PYL791	FIBER OPTICS	3	3-0-0	ARUN KUMAR
H	PYL793	PHOTONIC DEVICES	3	3-0-0	M.R. SHENOY
J	PYL795	OPTICS AND LASERS	3	3-0-0	R.K. VARSHNEY
X	PYL800	NUM. & COMP. METH. IN RESEARCH	3	3-0-0	VARSHA BANERJEE

Mathematics					
F	MTL342	ANALYSIS & DESIGN OF ALGORITHMS	4	#####	NILADRI CHATTERJEE
H	MTL458	OPERATING SYSTEMS	4	3-0-2	BHAWANI SANKAR PANDA
C	MTL501	ALGEBRA	4	#####	SUBIMAN KUNDU
B	MTL502	LINEAR ALGEBRA	4	#####	RITUMONI SARMA
J	MTL503	REAL ANALYSIS	4	#####	ANIMA NAGAR

E	MTL504	ORDINARY DIFFERENTIAL EQUATION	4	#####	V.V.K. SRINIVAS KUMAR
D	MTL505	COMPUTER PROGRAMMING	4	#####	ANUP SINGH
F	MTL601	PROBABILITY AND STATISTICS	4	#####	S.DHARMARAJA
E	MTL602	FUNCTIONAL ANALYSIS	4	#####	ANIMA NAGAR
H	MTL603	PARTIAL DIFFERENTIAL EQUATIONS	4	#####	KONIJETI SREENADH S.CHANDRA SEKHARA RAO
J	MTL712	COMP. METHODS FOR DIFFER. EQU.	4	3-0-2	RAJENDRA KUMAR SHARMA
A	MTL730	CRYPTOGRAPHY	3	3-0-0	S.DHARMARAJA
E	MTL733	STOCHASTIC OF FINANCE	3	3-0-0	S.DHARMARAJA
C	MTL781	FINITE ELEMENT THEORY & APPLI.	3	3-0-0	BHAWANI SANKAR PANDA
A	MTL783	THEORY OF COMPUTATION	3	3-0-0	

		<u>Industrial Tribology Machine Dynamics & Maintenance Engineering (ITMMEC)</u>			
H	IT709	MAINTENANCE PLANNING AND CONTROL	3	3-0-0	O.P. GANDHI
J	IT760	NOISE MONITORING AND CONTROL	3	2-0-2	NARESH TANDON
A	ITL703	FUNDAMENTALS OF TRIBOLOGY	4	3-0-2	JAYASHREE BIJWE
B	ITL705	MATERIAL FOR TRIBOLOGICAL APPLICATIONS	3	3-0-0	DEEPAK KUMAR
C	ITL717	CORROSION AND ITS CONTROL	3	3-0-0	JAYASHREE BIJWE
D	ITL752	BULK MATERIALS HANDLING	3	2-0-2	V.K. AGARWAL

		<u>Department of Applied Mechanics</u>			
C	AML701	ENGG. MATHEMATICS & MECHANICS	3	3-0-0	ARGHYA SAMANTA
D	AML713	APPLIED FLUID DYNAMICS	4	#####	SAWAN SUMAN SINHA
J	AML732	SOLID MECHANICS	3	3-0-0	S. PRADYUMNA
E	AML733	DYNAMICS	3	3-0-0	SUHAIL AHMED
A	AML734	ADVANCED DYNAMICS	4	#####	SUHAIL AHMED
F	AML751	MATERIALS FOR MARINE VEHICLES	3	3-0-0	Nitya Nand Gosvami
A	AML771	DECISION THEORY & DESIGN OPTIMIZATION	3	3-0-0	MALOY KUMAR SINGHA
A	AML791	SHIP RESISTANCE & PROPULSION	3	3-0-0	K Vignesh Kumar
B	AML792	STRUCTURAL DESIGN OF SHIPS.	3	3-0-0	Arun E
M	AML794	WARSHIP DESIGN	3	3-0-0	M P Mathew
H	AML805	ADVANCED FINITE ELEMENT METHODS	3	3-0-0	MALOY KUMAR SINGHA
A	APL701	CONTINUUM MECHANICS	3	3-0-0	Sushma Santapuri
B	APL703	ENGINEERING MATHEMATIC & COMP.	4	3-0-2	Arjun Sharma
A	APL710	COMPUTER AIDED DESIGN	4	3-0-2	SRIRAM HEGDE

F	APL753	PROPERTIES & SEL. OF ENGG MAT.	3	3-0-0	JAYANT JAIN
C	APL765	FRACTURE MECHANICS	3	3-0-0	RAJESH PRASAD
D	APL775	DESIGN METHODS	3	3-0-0	BADRI PRASAD PATEL

		Dept. of Mechanical Engineering (ME)			
X1	JRL301	ROBOTICS TECHNOLOGY	3	3-0-0	SUBIR KUMAR SAHA
E	MAL860	LINEAR ALGEBRA	3	3-0-0	SUBIMAN KUNDU
D	MCL314	ACOUSTICS AND NOISE CONTROL	4	3-0-2	SUBODH VASANT MODAK
J	MCL316	Vibration Engineering	4	3-0-2	ASHISH KAMALAKAR DARPE
C	MCL341	GAS DYNAMICS AND PROPULSION	4	3-0-2	P.M.V.SUBBARAO
F	MCL431	CAM AND AUTOMATION	3	2-0-2	SUNIL JHA
C	MCL701	ADVANCED THERMODYNAMICS	3	3-0-0	SUPREET SINGH BAHGA
A	MCL702	ADVANCED FLUID MECHANICS	3	3-0-0	AMIT GUPTA
F	MCL703	ADVANCED HEAT AND MASS TRANSFE	3	3-0-0	Debabrata Dasgupta
B	MCL704	APPLIED MATHEMATICS FOR THERMO	3	3-0-0	SUBHRA DATTA
J	MCL721	Automotive Prime Movers	3	3-0-0	P.M.V.SUBBARAO
A	MCL729	NANOMECHANICS	3	2-0-2	DEVENDRA KUMAR DUBEY
B	MCL731	ANALYTICAL DYNAMICS	3	3-0-0	SUBIR KUMAR SAHA
D	MCL735	CAD & FINITE ELEMENT ANALYSIS	4	3-0-2	ANOOP CHAWLA
E	MCL742	DESIGN & OPTIMIZATION	4	3-0-2	NARESH VARMA DATLA
A	MCL751	INDUSTRIAL ENGINEERING SYSTEMS	3	1-0-4	DIGAVALLI RAVI KUMAR
E	MCL761	PROBABILITY AND STATISTICS	3	3-0-0	NOMESH BHOJKUMAR BOLIA
J	MCL765	OPERATIONS RESEARCH	3	3-0-0	KIRAN SETH
D	MCL769	METAL FORMING ANALYSIS	4	3-0-2	DIGAVALLI RAVI KUMAR
H	MCL772	RELIABILITY ENGINEERING	3	3-0-0	Shahab Fatima
A	MCL776	ADVANCES IN METAL FORMING	3	3-0-0	K. HARIHARAN
E	MCL781	MACHINING PROCESSES AND ANALYS	4	3-0-2	SUDARSAN GHOSH
A	MCL787	WELDING SCIENCE AND TECHNOLOGY	4	3-0-2	SUNIL PANDEY
B	MCL791	PROCESSING AND MECHANICS OF CO	4	3-0-2	NARESH BHATNAGAR
H	MCL796	ADDITIVE MANUFACTURING	4	3-0-2	PULAK MOHAN PANDEY
D	MCL812	Combustion	3	3-0-0	ANJAN RAY

C	MCL813	Computational Heat Transfer	4	3-0-2	B. PREMACHANDRAN
X	MCL816	Gas Dynamics	4	3-0-2	Mayank Kumar
H	MCL820	Micro/nano scale heat transfer	4	3-0-2	Bahni Ray
F	MCL821	Radiation Heat Transfer	3	3-0-0	S.R. KALE
K	MCL837	Advanced Mechanisms	3	2-0-2	SUDIPTO MUKHERJEE
C	MCL838	Rotor Dynamics	4	3-0-2	ASHISH KAMALAKAR DARPE
M	MCL840	Experimental Modal Analysis and Dynamic Design	3	2-0-2	SATINDER PAUL SINGH

		<u>Biochemical Engineering & Biotechnology (DBEB)</u>			
C	BBL731	BIOSEPARATION ENGINEERING	4.5	3-0-3	G.P. AGARWAL
B	BBL732	BIOPROCESS PLANT DESIGN	4	3-0-2	T.R.SREEKRISHNAN
D	BBL733	RECOMBINANT DNA TECHNOLOGY	3.5	2-0-3	RITU KULSHRESTHA
H	BBL734	METABOLIC REGULATION AND ENGG.	3	3-0-0	Ashish Misra
D	BBL735	GENOMICS AND PROTEOMICS	3	2-0-2	D.SUNDAR
K	BBL737	INST. & ANA. METH. IN BIOENGG.	3	2-0-2	SAROJ MISHRA
H	BBL741	PROTEIN SCIENCE & ENGINEERING	3	3-0-0	SAROJ MISHRA
F	BBL743	HIGH RESOLUTION METHODS IN BI.	3	2-0-2	RAVI KRISHNAN ELANGO VAN
H	BBL750	GENOME ENGINEERING	3	2-0-2	PREETI SRIVASTAVA
J	BBL810	Enzyme and Microbial technology	3	3-0-0	V.S. BISARIA
H	BBL820	Downstream Processing	3	3-0-0	SUNIL NATH
H	BBL830	Microbial Biochemisry	3	3-0-0	SHILPI SHARMA
L	BBL850	Advanced Biochemical Engineering	5	3-0-4	ATUL NARANG
		<u>Kusuma School of Biological Sciences (KSBS)</u>			
M	SBL706	BIOLOGICS	3	3-0-0	ARCHHANA CHUGH
E	SBL708	EPIGENETICS IN HUMAN HEALTH AND DISEASE	3	3-0-0	VIVEKANANDAN PERUMAL
B	SBL710	CHEMICAL BIOLOGY	3	3-0-0	TAPAN KUMAR CHAUDHURI
F	SBL713	INTRO. TO STRUCTURAL BIOLOGY	3	3-0-0	MANIDIPA BANERJEE
		<u>Centre for Polymer Sciences & Engg. (CPSE)</u>			
A	PTL701	POLYMER CHEMISTRY	3	3-0-0	JOSEMOM JACOB
M	PTL703	POLYMER PHYSICS	3	3-0-0	BHABANI KUMAR SATAPATHY
K	PTL705	POLYMER CHARACTERIZATION	3	2-0-2	LEENA NEBHANI
B	PTL707	POLYMER ENGG. & RHEOLOGY	3	3-0-0	A.K. GHOSH
D	PTL714	POLYMER BLENDS & ALLOYS	3	3-0-0	SAMPA SAHA

J	PTL724	POLYMERIC COATINGS	3	3-0-0	HARPAL SINGH
E	PTL726	POLYMERIC NANOMATERIALS AND NANOCOMPOSITES	3	3-0-0	Bijay Prakash Tripathi

		<u>Centre for Biomedical Engineering (CBME)</u>			
H	BML720	MEDICAL IMAGING	3	3-0-0	AMIT MEHNDIRATTA
K	BML770	FUNDAMENTALS OF BIOMECHANICS	3	3-0-0	DINESH KALYANASUNDARAM
X	BML800	RESEARCH TECHNIQUES IN BIOMEDICAL ENGINEERING	3	3-0-0	SNEH ANAND
K	BML810	TISSUE ENGINEERING	3	3-0-0	NEETU SINGH
J	BML830	BIOSENSOR TECHNOLOGY	4	3-0-2	SANDEEP KUMAR JHA
M	BML850	Cancer : Diagnosis and Therapy	3	3-0-0	Jayanta Bhattacharyya
		<u>Department of Chemical Engineering</u>			
C	CLL701	MODELLING OF TRANSPORT PROCESS	2	2-0-0	VIVEK VITTHAL BUWA
A	CLL702	PRINCIPLES OF THERMODYNAMICS,	2	2-0-0	SHANTANU ROY
H	CLL703	PROCESS ENGINEERING	3	3-0-0	SHALINI GUPTA
D	CLL705	PETROLEUM RESERVOIR ENGG.	3	3-0-0	JYOTI PHIRANI
E	CLL720	PRINCIPLES OF ELECTROCH. ENGG.	3	3-0-0	ANIL VERMA
B	CLL723	HYDROGEN EN. & FUEL CELL TECH.	3	3-0-0	SUDDHASTWA BASU
D	CLL725	AIR POLLUTION CONTROL ENGG.	3	3-0-0	DIVESH BHATIA
B	CLL736	EXP. CHA. OF MULTIPH. REACTORS	3	3-0-0	VIVEK VITTHAL BUWA
F	CLL768	FUNDAMENTALS OF COMP. FLUID DY	3	2-0-2	JAYATI SARKAR
E	CLL769	APP. OF COMP. FLUID DYNAMICS	3	2-0-2	RATAN MOHAN
F	CLL777	COMPLEX FLUIDS TECHNOLOGY	3	3-0-0	RAJESH KHANNA
B	CLL780	BIOPROCESSING & BIOSEPARATIONS	3	3-0-0	ANURAG SINGH RATHORE
D	CLL791	CHEMICAL PRODUCT & PRO. INTE.	3	3-0-0	SHANTANU ROY
F	CLL794	PETROLEUM REFINERY ENGINEERING	3	3-0-0	SREEDEVI UPADHYAYULA
		<u>Department of Chemistry</u>			
E	CML511	QUANTUM CHEMISTRY	3	3-0-0	SIDDHARTH PANDEY
D	CML512	STEREOCHEM. & ORG. REAC. MECH.	3	3-0-0	NIDHI JAIN

H	CML513	PHOTOCHEM. & PERICYCLIC REACT.	3	3-0-0	GHOLAP SHIVAJIRAO LAHU
F	CML514	MAIN GROUP CHEMISTRY	3	3-0-0	ANIL JACOB ELIAS
B	CML515	INSTRUMENTAL METHODS OF ANALYS	3	3-0-0	A.K. SINGH
F	CML631	MOLECULAR BIOCHEMISTRY	3	3-0-0	TANMAY DUTTA
E	CML664	Group theory & Spectroscopy	3	3-0-0	NARAYANAN D.KURUR
H	CML671	Supramolecular Chemistry	3	3-0-0	NALIN PANT
L	CML672	INORGANIC POLYMERS	3	3-0-0	S.NAGENDRAN
B	CML674	Physical Methods of Structure Determination of Organic Compounds	3	3-0-0	V.HARIDAS
A	CML681	Physical Methods in Inorganic Chemistry	3	3-0-0	RAVI SHANKAR
J	CML684	Bio-Inorganic Chemistry	3	3-0-0	D.K. BANDYOPADHYAY
K	CML691	Microbial Biochemistry	3	3-0-0	SUNIL KUMAR KHARE
D	CML721	DESIGN AND SYNTHESIS	3	3-0-0	RAVI P. SINGH
E	CML723	PRINCIPLES AND PRACTICE OF NMR	3	3-0-0	SHASHANK DEEP
F	CML726	CHEMINFORMATICS	3	3-0-0	B. JAYARAM
K	CML731	SEPARATION AND ELECTROANALYTIC	3	3-0-0	PRAVIN POPINAND INGOLE
A	CML733	CHEMISTRY OF INDUSTRIAL CATALY	3	3-0-0	JAI DEO SINGH
C	CML734	CHEMISTRY OF NANOSTRUCTURED M	3	3-0-0	SAMEER SAPRA
H	CML741	ORGANO AND ORGANOMETALLIC CATA	3	3-0-0	Sayantana Paria

		Centre for Energy Studies (CES)			
H	ESL711	FUEL TECHNOLOGY	3	3-0-0	DR. M.G. DASTIDAR
J	ESL732	BIOCONVERSION AND PROCESSING OF WASTE	3	3-0-0	DR. M.G. DASTIDAR
F	ESL737	PLASMA BASED MATERIALS PROCESSING	3	3-0-0	Satyananda Kar
B	ESL740	NON-CONVENTIONAL SOURCES OF ENERGY	3	3-0-0	RAMESH NARAYANAN
E	ESL746	HYDROGEN ENERGY	3	3-0-0	K.A. SUBRAMANIAN
A	ESL750	ECONOMICS & PLANNING OF ENERGY SYSTEMS	3	3-0-0	T.C. KANDPAL
J	ESL755	SOLAR PHOTOVOLTAIC DEVICES AND SYSTEMS	3	3-0-0	Sandeep Kumar Pathak
D	ESL760	HEAT TRANSFER	3	3-0-0	K.A. SUBRAMANIAN
M	ESL768	WIND & SMALL HYDRO ENERGY SYSTMS	3	3-0-0	T.S.BHATTI

M	ESL770	SOLAR ENERGY UTILIZATION	3	3-0-0	K Ravi Kumar
J	ESL784	COGENERATION AND ENERGY EFFICIENCY	3	3-0-0	DIBAKAR RAKSHIT
F	ESL796	OPERATION AND CONTROL OF ELECTRICAL ENERGY SYSTEMS	3	3-0-0	ASHU VERMA
M	ESL850	SOLAR REFRIGERATION AND AIR CONDITIONING	3	3-0-0	S.C. KAUSHIK
F	ESL870	FUSION ENERGY	3	3-0-0	MRS. R. UMA

Department of Civil Engineering (CE)					
F	CVL321	GEOTECHNICAL ENGINEERING	4	#####	JAGDISH TELANGRAO SHAHU
B	CVL341	STRUCTURAL ANALYSIS II	3	3-0-0	DIPTI RANJAN SAHOO
H	CVL344	CONSTRUCTION PROJECT MGMT.	3	3-0-0	KUMAR NEERAJ JHA
M	CVL421	GROUND ENGINEERING	3	3-0-0	R. AYOTHIRAMAN
F	CVL423	SOIL DYNAMICS	3	3-0-0	BAPPADITYA MANNA
E	CVL433	FEM IN GEOTECHNIC. ENGINEERING	3	3-0-0	TANUSREE CHAKRABORTY
H	CVL441	STRUCTURAL DESIGN	3	3-0-0	ALOK MADAN
J	CVL442	STRUCTURAL ANALYSIS III	3	3-0-0	VASANT A. MATSAGAR
P	CVL484	COMP. ASPECTS IN WATER RESOUR.	3	1-0-4	N.K. GARG
F	CVL485	RIVER MECHANICS	3	2-0-2	DEO RAJ KAUSHAL
A	CVL700	ENGINEERING BEHAVIOUR OF SOILS	3	3-0-0	VENKATA RAMANA GUNTURI
B	CVL701	SITE INVESTIGATION AND FOUNDAT	3	3-0-0	MANOJ DATTA
E	CVL704	FINITE ELEMENT METHOD IN GEOTE	3	3-0-0	TANUSREE CHAKRABORTY
D	CVL710	ENGINEERING PROPERTIES OF ROCK	3	3-0-0	K.G. SHARMA
A	CVL711	STRUCTURAL GEOLOGY	3	3-0-0	K.S. RAO
F	CVL716	Environmental Rock Engineering	3	3-0-0	TANUSREE CHAKRABORTY
A	CVL720	AIR POLLUTION AND CONTROL	3	3-0-0	MUKESH KHARE
M	CVL722	WATER ENGINEERING	3	3-0-0	ARUN KUMAR
K	CVL725	ENVIRONMENTAL CHEMISTRY AND MI	3	1-0-4	MUKESH KHARE
A	CVL730	HYDROLOGIC PROCESSES AND MODEL	3	3-0-0	RAKESH KHOSA
B	CVL731	OPTIMIZATION TECH. IN WATER RE	3	3-0-0	A.K.KESHARI
E	CVL732	GROUNDWATER HYDROLOGY	3	3-0-0	BHAGU RAM CHAHAAR
M	CVL733	STOCHASTIC HYDROLOGY	3	2-0-2	DHANYA C.T.

J	CVL738	ECONOMIC ASPECTS OF WA. RE. DE	3	3-0-0	SUMEDHA CHAKMA
M	CVL740	PAVEMENT MATERIALS AND DESIGN	4	3-0-2	ARAVIND KRISHNA SWAMY
A	CVL741	URBAN AND REGIONAL TRANSPORTAT	4	3-0-2	GEETAM TEWARI
B	CVL742	TRAFFIC ENGINEERING	4	3-0-2	RAMACHANDRA RAO KALAGA
M	CVL743	Airport Planning and Design	3	3-0-0	ARAVIND KRISHNA SWAMY
K	CVL747	TRANSPORTATION SAFETY AND ENVIRONMENT	3	3-0-0	DINESH MOHAN
C	CVL756	ADVANCED STRUCTURAL ANALYSIS	3	3-0-0	SURESH BHALLA
M	CVL757	FINITE ELEMENT METHODS IN STR	3	3-0-0	ABHIJIT GANGULI
A	CVL758	SOLID MECHANICS IN STRUCTURAL	3	3-0-0	GURMAIL S. BENIPAL
E	CVL759	STRUCTURAL DYNAMICS	3	3-0-0	A.K. JAIN
H	CVL763	ANALYTICAL AND NUMERICAL METHO	3	3-0-0	ABHIJIT GANGULI
D	CVL766	DESIGN OF BRIDGE STRUCTURES	3	3-0-0	SUPRATIC GUPTA
H	CVL771	ADVANCED CONCRETE TECHNOLOGY	3	3-0-0	B.BHATTACHARJEE
C	CVL773	QUANTITATIVE METHODS IN CONSTR	3	3-0-0	K. CHANDRASHEKHAR IYER
B	CVL777	BUILDING SCIENCE	3	3-0-0	B.BHATTACHARJEE
C	CVL801	Constitutive Modelling in Geotechnics	3	3-0-0	JAGDISH TELANGRAO SHAHU
J	CVL820	Environmental impact assessment	3	3-0-0	ARVIND KUMAR NEMA
H	CVL823	Thermal Techniques for Waste Management	3	3-0-0	BABU J.ALAPPAT
F	CVL831	SURFACE WATER QUALITY MODELING	3	3-0-0	SHASHI MATHUR
H	CVL839	HYDROLOGIC APP. OF REMOTE SEN.	3	2-0-2	A.K.KESHARI
L	CVL841	Advanced Transportation Modelling	3	2-0-2	Manoj M
C	CVL850	Transportation Logistics	3	3-0-0	Nezamuddin
A	CVL872	INFRASTRUCTURE DEVELOPMENT AND	3	3-0-0	K. CHANDRASHEKHAR IYER

		Dept. of Management Studies (DMS)			
A	MSL302	MANAGERIAL ACC. & FINAC. MGMT.	3	3-0-0	SHVETA SINGH
M	MSL304	Operations Management	3	3-0-0	DR.JITENDRA MADAAN
Q	MSL700	Fundamentals of Management of Technology	3	3-0-0	SUSHIL

Q	MSL707	MANAGEMENT ACCOUNTING	3	3-0-0	SMITA KASHIRAMKA
F	MSL707	MANAGEMENT ACCOUNTING	3	3-0-0	P.K.JAIN
J	MSL707	MANAGEMENT ACCOUNTING	3	3-0-0	P.K.JAIN
H	MSL710	Creative Problem Solving	3	#####	MANMOHAN PRASAD GUPTA
R	MSL711	STRATEGIC MANAGEMENT	3	3-0-0	SANJAY DHIR
S	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	AMLENDU KUMAR DUBEY
E	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	SEEMA SHARMA
F	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	SEEMA SHARMA
T	MSL720	MACROECONOMIC ENV. OF BUSINESS	3	3-0-0	AMLENDU KUMAR DUBEY
D	MSL740	QUANTITATIVE METHODS IN MGMT.	3	3-0-0	SURYA PRAKASH SINGH
H	MSL740	QUANTITATIVE METHODS IN MGMT.	3	3-0-0	SURYA PRAKASH SINGH
S	MSL745	OPERATIONS MANAGEMENT	3	3-0-0	SURYA PRAKASH SINGH
H	MSL760	MARKETING MANAGEMENT	3	2-0-2	MAHIM SAGAR
T	MSL760	MARKETING MANAGEMENT	3	2-0-2	HARISH CHAUDHRY
K	MSL760	MARKETING MANAGEMENT	3	2-0-2	HARISH CHAUDHRY
R	MSL822	INTERNATIONAL BUSINESS	3	3-0-0	SURENDRA SINGH YADAV
T	MSL829	CURRENT & EM. ISSUES IN ST. MG	3	3-0-0	SUSHIL
C	MSL845	TOTAL PROJECT SYSTEMS MGMT.	3	2-0-2	DR.JITENDRA MADAAN
S	MSL855	Electronic Commerce	3	2-0-2	ARPAN KUMAR KAR
D	MSL861	Market Research	3	3-0-0	HARISH CHAUDHRY
J	MSL862	Product Management	3	3-0-0	MAHIM SAGAR
R	MSL863	Advertising and Sales Promotion Management	3	3-0-0	HARISH CHAUDHRY
Q	MSL873	Security Analysis & Portfolio Management	3	3-0-0	SHVETA SINGH
E	MSL875	International Financial Management	3	3-0-0	SURENDRA SINGH YADAV
A	MSL885	Digital Marketing-Analytics & Optimization	3	3-0-0	ARPAN KUMAR KAR

		Dept. of Textile Technology (TT)			
F	TXL710	H.P. AND SPECIALTY FIBRES	3	3-0-0	MANJEET JASSAL
A	TXL711	POLYMER AND FIBRE CHEMISTRY	3	3-0-0	BHUVANESH GUPTA
B	TXL712	POLYMER AND FIBRE PHYSICS	3	3-0-0	MANGALA JOSHI
E	TXL713	TECHNOLOGY OF MELT SPUN FIBRES	4	3/1/2000	ASHWINI K. AGRAWAL
D	TXL719	FUNCTIONAL AND SMART TEXTILES	3	3-0-0	BHANU NANDAN
E	TXL721	THEORY OF YARN STRUCTURE	3	3-0-0	DIPAYAN DAS

A	TXL722	MECHANICS OF SPINNING PROCESSE	3	3-0-0	S.M. ISHTIAQUE
H	TXL724	TEXTURED YARN TECHNOLOGY	3	3-0-0	KUSHAL SEN
F	TXL731	THEORY OF FABRIC STRUCTURE	3	3-0-0	AMIT RAWAL
B	TXL732	ADVANCED FABRIC MANUFACTURING	3	3-0-0	B.K.BEHERA
E	TXL747	COLOUR SCIENCE	3	3-0-0	SAMRAT MUKHOPADHYAY
F	TXL749	THEORY AND PRACTICE OF DYEING	3	3-0-0	BHUPENDRA SINGH BUTOLA
D	TXL750	SCIENCE OF CLOTHING COMFORT	3	3-0-0	R.ALAGIRUSAMY
J	TXL752	DESIGN OF FUNCTIONAL CLOTHING	3	3-0-0	DEEPTI GUPTA
C	TXL753	ADVANCED TEXTILE PRINTING TECHNOLOGY	2	2-0-0	KUSHAL SEN
M	TXL772	Computational Methods for Textiles	3	2-0-2	PRAGYA JAIN
J	TXL774	PROC. CONTROL IN YARN & FABRIC	3	3-0-0	ABHIJIT MUJUMDAR
C	TXL781	PROJECT APPRAISAL AND FINANCE	3	3-0-0	R.S. RENGASAMY

		<u>CENTRE FOR ATMOSPHERIC SICNECES (CAS)</u>			
D	ASL732	MATHEMATICAL AND COMPUTATIONAL	3	2-0-2	MAITHILI SHARAN
E	ASL733	PHYSICS OF THE ATMOSPHERE	3	3-0-0	MANJU MOHAN
H	ASL734	DYNAMICS OF THE ATMOSPHERE	3	3-0-0	S.K. DASH
B	ASL735	ATMOSPHERIC CHEMISTRY AND AIR	3	3-0-0	DILIP GANGULY
H	ASL761	EARTH SYSTEM MODELING	3	3-0-0	Sandeep Sahany
F	ASL762	AIR-SEA INTERACTION	3	3-0-0	A.D. RAO

		<u>Humanities & Social Sciences (HUSS)</u>			
M	HSL704	Inclusive Innovation: Theory and Practice	4	2-0-4	AMBUJ D. SAGAR
X6	HSL712	Microeconomics	3	3-0-0	SAPTARSHI MUKHERJEE
X3	HSL719	Advanced Econometrics	3	3-0-0	ANKUSH AGRAWAL
X	HSL741	Sociolinguistics: Language Variation, Culture and Society	3	3-0-0	PRITHA CHANDRA
X2	HSL746	Phonological Markedness	3	2-0-2	PAROMA SANYAL
X1	HSL754	The Philosophy of Plato	3	3-0-0	ARUDRA VENKATA BURRA
X7	HSL755	Fascism: Philosophical Perspectives	3	3-0-0	SANIL V.
X	HSL761	Theories of Psychology	3	3-0-0	Yashpal Ashokrao Jogdand
B	HSL765	Psychological Testing and Behavioral Assessment	3	3-0-0	KAMLESH SINGH
X5	HSL772	Sociology of India	3	3-0-0	VIBHA ARORA
A	HSL800	Research Writing	3	3-0-0	MILIND WAKANKAR
X6	HSL834	Literature and the City	3	3-0-0	STUTI KHANNA
J	HSL843	Reading and Sentence Processing	3	#####	SAMAR HUSAIN
X4	HSL851	Philosophy of Literature	3	3-0-0	MILIND WAKANKAR

J	HSL852	Political Philosophy	3	3-0-0	BHARATI PURI
X0	HSL856	Philosophy of Language	3	3-0-0	C.A.TOMY
X	HSL871	Ethnographic Perspectives on the State	3	3-0-0	FARHANA IBRAHIM

		Rural Development & Technology (CRDT)			
J	RDL700	BIOMAS PRODUCTION	3	3-0-0	SATYAWATI SHARMA
M	RDL705	RURAL RESOURCES AND LIVEIHODS	3	3-0-0	S.N.NAIK
F	RDL722	RURAL ENERGY SYSTEMS	3	3-0-0	VIRENDRA KUMAR VIJAY
X	RDL730	TECHNOLOGY ALTERNATIVES FOR RURAL DEVELOPMENT	3	3-0-0	VIJAYARAGHAVAN M. CHARIAR
B	RDL740	TECHNOLOGY OF UTILIZATION OF WASTELANDS & WEEDS	3	3-0-0	ANUSHREE MALIK
H	RDL807	WOMEN,TECHNOLOGY AND DEVELOPMENT	3	2-0-2	SATYAWATI SHARMA