

List of courses offered by Departments and Course Coordinator Name (1st Semester 20162017) under PCR

Course Slot	Course Code	Course Description	Course Credit	L-T-P	Course Coordinator
Dept. of Computer Science Engineering (CSE)					
F	COL671	ARTIFICIAL INTELLIGENCE	4	3-0-2	MAUSAM
D	COL672	COMPUTER NETWORKS	4	3-0-2	VINAY JOSEPH RIBEIRO
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
D	COL724	ADVANCED COMPUTER NETWORKS	4	3-0-2	HUZUR SARAN
C	COL729	COMPILER OPTIMIZATION	4.5	3-0-3	Subodh Vishnu Sharma
J	COL730	PARALLEL PROGRAMMING	4	3-0-2	SUBODH KUMAR
E	COL733	CLOUD COMPUTING TECHNO. FUNDA.	4	3-0-2	SURESH CHAND GUPTA
B	COL752	GEOMETRIC ALGORITHMS	3	3-0-0	SANDEEP SEN
E	COL759	CRYPTOGRAPHY & COMPUTER SEC.	3	3-0-0	SHWETA AGRAWAL
D	COL760	ADVANCED DATA MANAGEMENT	4	3-0-2	MAYA RAMANATH
B	COL765	INTRO. TO LOGIC & FUNCT. PROG.	4	3-0-2	SANJIVA PRASAD
F	COL768	WIRELESS NETWORKS	4	3-0-2	B.N. JAIN
J	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
X1	COL821	RECONFIGURABLE COMPUTING	3	3-0-0	KOLIN PAUL
K	COL829	ADVANCED COMPUTER GRAPHICS	4	3-0-2	PREM KUMAR KALRA
X2	COL861	SPL TOPICS IN HARDWARE SYSTEMS	3	3-0-0	SMRUTI RANJAN SARANGI
D	COL862	SPL TOPICS IN SOFTWARE SYSTEMS	3	3-0-0	SORAV BANSAL
F	COL868	SPL. TOPICS IN DATABASE SYST.	3	3-0-0	S.K. GUPTA
H	COL870	SPL. TOPICS IN MACHINE LEARNI.	3	3-0-0	PARAG SINGLA

Dept. of Electrical Engineering (EE)					
F	EEL710	CODING THEORY	3	3-0-0	RANJAN BOSE
A	EEL711	SIGNAL THEORY	3	3-0-0	RANJAN KUMAR MALLIK
E	EEL714	DIGITAL COMMUNICATION & INFORMATION SYSTEMS	3	3-0-0	MANAV BHATNAGAR
D	EEL806	COMPUTER VISION	4	3-0-2	BREJESH LALL
F	ELL700	LINEAR SYSTEMS THEORY	3	3-0-0	RKP BHATT
J	ELL701	MATHEMATICAL METHODS IN CONTRO	3	3-0-0	MASHUQ-UN-NABI
B	ELL702	NONLINEAR SYSTEMS	3	3-0-0	INDRA NARAYAN KAR
F	ELL710	CODING THEORY	3	3-0-0	RANJAN BOSE
A	ELL711	SIGNAL THEORY	3	3-0-0	RANJAN KUMAR MALLIK
D	ELL712	DIGITAL COMMUNICATIONS	3	3-0-0	SAIF KHAN MOHAMMED

B	ELL713	MICROWAVE THEORY AND TECHNIQUE	3	3-0-0	ANANJAN BASU
E	ELL714	BASIC INFORMATION THEORY	3	3-0-0	MANAV BHATNAGAR
L	ELL725	WIRELESS COMMUNICATIONS	3	3-0-0	SWADES KUMAR DE
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 NANOELECTRONICS	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
C	ELL743	PHOTOVOLTAICS	3	3-0-0	MADHUSUDAN SINGH
K	ELL746	BIOMEDICAL ELECTRONICS	3	3-0-0	S.M.K. RAHMAN
F	ELL750	MODELLING OF ELECTRICAL MACHIN	3	3-0-0	K.R.RAJAGOPAL
E	ELL751	POWER ELECTRONIC CONVERTERS	3	3-0-0	AMIT KUMAR JAIN
H	ELL753	PHYSICAL PHENOMENA IN ELECTRIC	3	3-0-0	MUMMADI VEERACHARY
D	ELL758	POWER QUALITY	3	3-0-0	ANANDARUP DAS
A	ELL770	POWER SYSTEM ANALYSIS	3	3-0-0	ABHIJIT RAMCHANDRA ABHYANKAR
E	ELL771	ADVANCED POWER SYSTEM PROTECTI	3	3-0-0	BIJAYA KETAN PANIGRAHI
B	ELL773	HIGH VOLTAGE DC TRANSMISSION	3	3-0-0	BHIM SINGH
F	ELL775	POWER SYSTEM DYNAMICS	3	3-0-0	SUKUMAR MISHRA
M	ELL780	MATHEMATICAL FOUNDATIONS OF CO	3	3-0-0	SUMEET AGARWAL
B	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 LEARNI	3	3-0-0	JAYADEVA
K	ELL785	COMPUTER COMMUNICATION NETWORK	3	3-0-0	JUN BAE SEO
K	ELL787	EMBEDDED SYSTEMS AND APPLICATI	3	3-0-0	SUBRAT KAR
H	ELL788	COMPUTATIONAL PERCEPTION & CO.	3	3-0-0	TAPAN KUMAR GANDHI
D	ELL793	COMPUTER VISION	3	3-0-0	BREJESH LALL
D	ELL801	NONLINEAR CONTROL	3	3-0-0	SHUBHENDU BHASIN
F	ELL818	TELECOMMUNICATION TECHNOLOGIES	3	3-0-0	Abhishek Dixit
B	ELL819	Introduction to Plasmonics	3	3-0-0	KUSHAL KUMAR SHAH
A	ELL820	PHOTONIC SWITCHING & NETWORKING	3	3-0-0	DEVI CHADHA
A	ELL832	SELECTED TOPICS IN IEC-I	3	3-0-0	MANAN SURI
K	ELL833	CMOS RF IC DESIGN	3	3-0-0	SHOURIBRATA CHATTERJEE

X1	ELL880	SPECIAL TOPICS IN COMPUTERS 1	3	3-0-0	SUMANTRA DUTTA ROY
X1	ELL881	Special Topics in Computers-I	3	3-0-0	SUMANTRA DUTTA ROY
E	ELL890	COMPUTATIONAL NEUROSCIENCE	3	3-0-0	TAPAN KUMAR GANDHI

Applied Research in Electronics (CARE)					
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	CRL725	TECHNOLOGY OF RF AND MICROWAVE SOLID STATE DEVICES	3	3-0-0	SAMARESH DAS
F	CRL729	SENSORS AND TRANSDUCERS	3	3-0-0	MAHESH P. ABEGAONKAR
D	CRL731	SELECTED TOPICS IN RFDT-I	3	3-0-0	MONIKA AGGARWAL
B	CRL732	SELECTED TOPICS IN RFDT-II	3	3-0-0	SAMARESH DAS
P	CRP718	RF AND MICROWAVE MEASUREMENT LAB.	4	1-0-6	S.K.KOUL
P	CRP723	FABRICATION TECHNIQUES FOR RF & MICROWAVE DEVICES	3	1-0-4	SAMARESH DAS

Instrument Design Development (IDDC)					
F	DSL601	ELECTRO. COMPONENTS & CIRCUITS	3	3-0-0	A.L. VYAS
J	DSL603	MATERIAL & MECHANICAL DESIGN	3	3-0-0	I.P. SINGH
A	DSL710	FRAMEWORK OF DESIGN	2	2-0-0	JYOTI KUMAR
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 Mathematics (Maths)					
C	MTL501	ALGEBRA	4	3/1/2000	RAJENDRA KUMAR SHARMA
B	MTL502	LINEAR ALGEBRA	4	3/1/2000	RITUMONI SARMA
E	MTL503	REAL ANALYSIS	4	3/1/2000	N.SHRAVAN KUMAR
F	MTL504	ORDINARY DIFFERENTIAL EQUATION	4	3/1/2000	S.CHANDRA SEKHARA RAO
D	MTL505	COMPUTER PROGRAMMING	4	3/1/2000	MANI MEHRA
E	MTL601	PROBABILITY AND STATISTICS	4	3/1/2000	S.DHARMARAJA
H	MTL602	FUNCTIONAL ANALYSIS	4	3/1/2000	AMIT PRIYADARSHI

B	MTL603	PARTIAL DIFFERENTIAL EQUATIONS	4	3/1/2000	KONIJETI SREENADH
J	MTL712	COMP. METHODS FOR DIFFER. EQU.	4	3-0-2	MANI MEHRA
J	MTL742	OPERATOR THEORY	3	3-0-0	AMIT PRIYADARSHI
E	MTL746	METHODS OF APPLIED MATHEMATICS	3	3-0-0	V.V.K. SRINIVAS KUMAR
M	MTL757	INTRO. TO ALGEBRAIC TOPOLOGY	3	3-0-0	RITUMONI SARMA
M	MTL770	COMBINATORIAL OPTIMIZATION	3	3-0-0	BHAWANI SANKAR PANDA
K	MTL792	MODERN METH. IN PAR. DIFF. EQ.	3	3-0-0	KONIJETI SREENADH
A	MTL793	NUMERICAL METHODS FOR HY. PDES	3	3-0-0	HARISH KUMAR
C	MTL794	ADVANCED PROBABILITY THEORY	3	3-0-0	N.SHRAVAN KUMAR
Dept. of Physics					
B	PYL553	MATHEMATICAL PHYSICS	4	3/1/2000	Brajesh Kumar Mani
E	PYL555	QUANTUM MECHANICS I	4	3/1/2000	AMRUTA MISHRA
F	PYL557	ELECTRONICS	4	3/1/2000	JITENDRA PRATAP SINGH
D	PYL563	SOLID STATE PHYSICS	4	3/1/2000	PRANABA KISHOR MUDULI
J	PYL567	ATOMIC AND MOLECULAR PHYSICS	3	3-0-0	SUNIL KUMAR
F	PYL569	NUCLEAR AND PARTICLE PHYSICS	3	3-0-0	HITENDRA KUMAR MALIK
E	PYL650	FIBER AND INTEGRATED OPTICS	3	3-0-0	R.K. VARSHNEY
C	PYL655	LASER PHYSICS	3	3-0-0	A.K. SHUKLA
C	PYL701	PHYSICAL FOUNDATIONS OF MATERI	3	3-0-0	PANKAJ SRIVASTAVA
D	PYL702	PHYSICS OF SEMICONDUCTOR DEVIC	3	3-0-0	G.B. REDDY
E	PYL703	ELECTRONIC PROPERTIES OF MATER	3	3-0-0	SANTANU GHOSH
H	PYL707	CHARACTERISATION TEC. FOR MAT.	3	3-0-0	RATANAMALA CHATTERJEE
B	PYL723	VACUUM SCIENCE AND CRYOGENICS	3	3-0-0	RAJENDRA SINGH DHAKA
J	PYL726	SEMICONDUCTOR DEVICE TECHNOLOGY	3	3-0-0	MUKESH CHANDER
A	PYL743	GROUP THEORY & ITS APPLICATION	3	3-0-0	V.RAVISHANKAR
B	PYL745	ADVANCED STATISTICAL MECHANICS	3	3-0-0	VARSHA BANERJEE
H	PYL748	QUANTUM OPTICS	3	3-0-0	JOYEE GHOSH
K	PYL749	QUANTUM INFORMATION & COMPUTA.	3	3-0-0	V.RAVISHANKAR
D	PYL751	OPTICAL SOURCES, PHOTOMETRY AN	3	3-0-0	JOBY JOSEPH
B	PYL753	OPTICAL SYSTEMS DESIGN	3	3-0-0	B.D. GUPTA
F	PYL755	BASIC OPTICS AND OPTICAL INSTR	3	3-0-0	P.SENTHILKUMARAN
C	PYL757	STATISTICAL & QUANTUM OPTICS	3	3-0-0	Bhaskar Kanseri
H	PYL759	Computational optical imaging	3	3-0-0	KEDAR BHALCHANDRA KHARE

C	PYL771	Green Photonics	3	3-0-0	DALIP SINGH MEHTA
D	PYL791	FIBER OPTICS	3	3-0-0	ARUN KUMAR
E	PYL793	PHOTONIC DEVICES	3	3-0-0	R.K. SONI
J	PYL795	OPTICS AND LASERS	3	3-0-0	ALOKA SINHA
H	PYL800	NUM. & COMP. METH. IN RESEARCH	3	3-0-0	SUJIN B.BABU

Applied Mechanics Dept. (AM)					
D	AML701	ENGG. MATHEMATICS & MECHANICS	3	3-0-0	ARGHYA SAMANTA
C	AML713	APPLIED FLUID DYNAMICS	4	3/1/2000	SAWAN SUMAN SINHA
J	AML732	SOLID MECHANICS	3	3-0-0	S. PRADYUMNA
E	AML733	DYNAMICS	3	3-0-0	SITIKANTHA ROY
F	AML751	MATERIALS FOR MARINE VEHICLES	3	3-0-0	RAJESH PRASAD
A	AML791	SHIP RESISTANCE & PROPULSION	3	3-0-0	CDR (DR.) R. VIJAYAKUMAR
B	AML792	STRUCTURAL DESIGN OF SHIPS.	3	3-0-0	CDR (DR.) R. VIJAYAKUMAR
M	AML794	WARSHIP DESIGN	3	3-0-0	CAPT.(DR.) P.R. KULKARNI
H	AML805	ADVANCED FINITE ELEMENT METHODS	3	3-0-0	AJEET KUMAR
J	AML835	MECHANICS OF COMPOSITE MATERIALS	3	3-0-0	SUHAIL AHMED
C	AML851	FRACTURE MECHANICS	3	3-0-0	RAJESH PRASAD
A	APL701	CONTINUUM MECHANICS	3	3-0-0	BALAJI SRINIVASAN
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
M	APL771	DECISION THEORY & DESIGN OPTIMIZATION	3	3-0-0	BALAJI SRINIVASAN
D	APL775	DESIGN METHODS	3	3-0-0	D.K. SEHGAL

Industrial Tribology Machine Dynamics & Maintenance Engineering					
F	IT760	NOISE MONITORING AND CONTROL	3	2-0-2	NARESH TANDON
E	ITL703	FUNDAMENTALS OF TRIBOLOGY	4	3-0-2	DEEPAK KUMAR
B	ITL705	MATERIAL FOR TRIBOLOGICAL APPLICATIONS	3	3-0-0	DEEPAK KUMAR
A	ITL717	CORROSION AND ITS CONTROL	3	3-0-0	JAYASHREE BIJWE
H	ITL752	BULK MATERIALS HANDLING	3	2-0-2	V.K. AGARWAL
Dept. of Mechanical Engineering (ME)					
C	MCL701	ADVANCED THERMODYNAMICS	3	3-0-0	SUPREET SINGH BAHGA
A	MCL702	ADVANCED FLUID MECHANICS	3	3-0-0	P.M.V.SUBBARAO
B	MCL703	ADVANCED HEAT AND MASS TRANSFER	3	3-0-0	SANJEEV JAIN
F	MCL704	APPLIED MATHEMATICS FOR THERMO	3	3-0-0	SUBHRA DATTA
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	DEVENDRA KUMAR DUBEY
C	MCL742	DESIGN & OPTIMIZATION	4	3-0-2	NARESH VARMA DATLA
C	MCL751	INDUSTRIAL ENGINEERING SYSTEMS	3	1-0-4	P.V.MADHUSUDHAN RAO
T	MCL756	SUPPLY CHAIN MANAGEMENT	3	3-0-0	RAVI SHANKAR
E	MCL761	PROBABILITY AND STATISTICS	3	3-0-0	NOMESH BHOJKUMAR BOLIA
F	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
E	MCL783	AUTOMATION IN MANUFACTURING	4	3-0-2	SUNIL JHA
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
E	MCL837	Advanced Mechanisms	3	2-0-2	SUDIPTO MUKHERJEE
C	MCL838	Rotor Dynamics	4	3-0-2	ASHISH KAMALAKAR DARPE
B	MCL840	Experimental Modal Analysis and Dynamic Design	3	2-0-2	SATINDER PAUL SINGH

Dept. of Civil Engg. (CE)					
D	CEL715	SOIL STRUCTURE INTERACTION ANALYSIS	3	3-0-0	JAGDISH TELANGRAO SHAHU
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
C	CVL704	FINITE ELEMENT METHOD IN GEOTE	3	3-0-0	K.G. SHARMA
D	CVL707	Soil-Structure Interaction Analysis	3	3-0-0	JAGDISH TELANGRAO SHAHU
D	CVL710	ENGINEERING PROPERTIES OF ROCK	3	3-0-0	K.G. SHARMA
A	CVL711	STRUCTURAL GEOLOGY	3	3-0-0	K.S. RAO
M	CVL716	Environmental Rock Engineering	3	3-0-0	TANUSREE CHAKRABORTY
A	CVL720	AIR POLLUTION AND CONTROL	3	3-0-0	MUKESH KHARE
F	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 CHAHAR
D	CVL733	STOCHASTIC HYDROLOGY	3	2-0-2	DHANYA C.T.
J	CVL738	ECONOMIC ASPECTS OF WA. RE. DE	3	3-0-0	SUMEDHA CHAKMA
A	CVL740	PAVEMENT MATERIALS AND DESIGN	4	3-0-2	ARAVIND KRISHNA SWAMY
C	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
E	CVL756	ADVANCED STRUCTURAL ANALYSIS	3	3-0-0	SURESH BHALLA
A	CVL757	FINITE ELEMENT METHODS IN STR	3	3-0-0	A.K. NAGPAL
B	CVL758	SOLID MECHANICS IN STRUCTURAL	3	3-0-0	ABHIJIT GANGULI
C	CVL759	STRUCTURAL DYNAMICS	3	3-0-0	A.K. JAIN
D	CVL763	ANALYTICAL AND NUMERICAL METHO	3	3-0-0	GURMAIL S. BENIPAL
F	CVL765	CONCRETE MECHANICS	3	3-0-0	SHASHANK BISHNOI
F	CVL766	DESIGN OF BRIDGE STRUCTURES	3	3-0-0	SUPRATIC GUPTA
D	CVL770	PRESTRESSED & COMPOSITE STRUC.	3	3-0-0	A.K. NAGPAL
D	CVL771	ADVANCED CONCRETE TECHNOLOGY	3	3-0-0	SUPRATIC GUPTA
B	CVL772	CONSTRUCTION PROJECT MANAGEMEN	3	3-0-0	J. UMA MAHESWARI
E	CVL773	QUANTITATIVE METHODS IN CONSTR	3	3-0-0	K. CHANDRASHEKHAR IYER
A	CVL777	BUILDING SCIENCE	3	3-0-0	B.BHATTACHARJEE
D	CVL820	Environmental impact assessment	3	3-0-0	ARVIND KUMAR NEMA
E	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
B	CVL872	INFRASTRUCTURE DEVELOPMENT AND	3	3-0-0	K. CHANDRASHEKHAR IYER

Biochemical Engineering & Biotechnology (DBEB)					
C	BBL731	BIOSEPARATION ENGINEERING	4.5	3-0-3	SUNIL NATH
B	BBL732	BIOPROCESS PLANT DESIGN	4	3-0-2	T.R.SREEKRISHNAN
D	BBL733	RECOMBINANT DNA TECHNOLOGY	3.5	2-0-3	SAROJ MISHRA
H	BBL734	METABOLIC REGULATION AND ENGG.	3	3-0-0	Ashish Misra

F	BBL743	HIGH RESOLUTION METHODS IN BI.	3	2-0-2	PREETI SRIVASTAVA
H	BEL714	PROTEIN SCIENCE AND ENGINEERING	3	3-0-0	SAROJ MISHRA
D	BEL722	GENOMICS AND PROTEOMICS	3	3-0-0	D.SUNDAR
J	BEL810	ENZYME AND MICROBIAL TECHNOLOGY	3	3-0-0	RAVI KRISHNAN ELANGOVA
D	BEL820	DOWNSTREAM PROCESSING	3	3-0-0	G.P. AGARWAL
H	BEL830	MICROBIAL BIOCHEMISTRY	3	3-0-0	SHILPI SHARMA
B	BEL850	ADVANCED BIOCHEMICAL ENGINEERING	5	3-0-4	ATUL NARANG
Centre for Biomedical Engineering (CBME)					
H	BML720	MEDICAL IMAGING	3	3-0-0	AMIT MEHNDIRATTA
K	BML770	FUNDAMENTALS OF BIOMECHANICS	3	3-0-0	DINESH KALYANASUNDARAM
B	BML800	RESEARCH TECHNIQUES IN BIOMEDICAL ENGINEERING	3	3-0-0	SNEH ANAND
M	BML810	TISSUE ENGINEERING	3	3-0-0	NEETU SINGH
J	BML830	BIOSENSOR TECHNOLOGY	4	3-0-2	SANDEEP KUMAR JHA

Dept. of Chemical Engg.					
B	CHL722	FUNDAMENTALS OF FUEL CELL TECHNOLOGY	4	3-0-2	SUDDHASTWA BASU
E	CHL771	PROCESS OPERATIONS SCHEDULING	4	3-0-2	SHAIK ABDUL MUNAWAR
F	CHL794	PETROLEUM REFINERY ENGG	4	3-0-2	SREEDEVI UPADHYAYULA
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	CLL726	MOLECULAR MODELING OF CAT. RE.	3	3-0-0	MOHAMMAD ALI HAIDER
B	CLL736	EXP. CHA. OF MULTIPH. REACTORS	3	3-0-0	VIVEK VITTHAL BUWA
D	CLL768	FUNDAMENTALS OF COMP. FLUID DY	3	2-0-2	JAYATI SARKAR
F	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
E	CLL781	PROCESS OPERATIONS SCHEDULING	3	3-0-0	SHAIK ABDUL MUNAWAR
F	CLL794	PETROLEUM REFINERY ENGINEERING	3	3-0-0	SREEDEVI UPADHYAYULA
Dept. of Chemistry					
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
C	CML661	SOLID STATE CHEMISTRY	3	3-0-0	SAMEER SAPRA
D	CML662	STA. MECH. & MOL. SIM. METHODS	3	3-0-0	HEMANT KUMAR KASHYAP
E	CML664	Group Theory & Spectroscopy	3	3-0-0	NARAYANAN D.KURUR
H	CML671	Supramolecular Chemistry	3	3-0-0	NALIN PANT
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
B	CML726	CHEMINFORMATICS	3	3-0-0	B. JAYARAM
K	CML731	SEPARATION AND ELECTROANALYTIC	3	3-0-0	PRAVIN POPINAND INGOLE

Kusuma School of Biological Sciences (KSBS)					
F	SBL703	ADVANCED CELL BIOLOGY	3	3-0-0	BISHWAJIT KUNDU
M	SBL706	BIOLOGICS	3	3-0-0	ARCHHANA CHUGH
D	SBL707	BACTERIAL PATHOGENESIS	3	3-0-0	MANIDIPA BANERJEE
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
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	MANJEET JASSAL
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	MANGALA JOSHI
H	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	V.K. KOTHARI
B	TXL732	ADVANCED FABRIC MANUFACTURING	3	3-0-0	B.K.BEHERA
C	TXL744	COLORATION OF TEXTILES	3	3-0-0	SAMRAT MUKHOPADHYAY
D	TXL750	SCIENCE OF CLOTHING COMFORT	3	3-0-0	R.ALAGIRUSAMY
J	TXL752	DESIGN OF FUNCTIONAL CLOTHING	3	3-0-0	DEEPTI GUPTA

M	TXL772	Computational Methods for Textiles	3	2-0-2	PRAGYA JAIN
J	TXL774	PROC. CONTROL IN YARN & FABRIC	3	3-0-0	S.M. ISHTIAQUE
C	TXL781	PROJECT APPRAISAL AND FINANCE	3	3-0-0	R.S. RENGASAMY
E	TXL784	Supply Chain Management in Textile Industry	3	3-0-0	ABHIJIT MUJUMDAR

Dept. of Management Studies (DMS)					
T	MSL700	Fundamentals of Management of Technology	3	3-0-0	SANJAY DHIR
F	MSL707	MANAGEMENT ACCOUNTING	3	3-0-0	P.K.JAIN
Q	MSL707	MANAGEMENT ACCOUNTING	3	3-0-0	SMITA KASHIRAMKA
Q	MSL711	STRATEGIC MANAGEMENT	3	3-0-0	SANJAY DHIR
H	MSL713	INFORMATION SYSTEMS MANAGEMENT	3	2-0-2	MANMOHAN PRASAD GUPTA
U	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	AMLENDU KUMAR DUBEY
E	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	SEEMA SHARMA
S	MSL719	STATISTICS FOR MANAGEMENT	3	3-0-0	AMLENDU KUMAR DUBEY
D	MSL726	Telecom System Analysis Planning & Design	3	3-0-0	ARPAN KUMAR KAR
B	MSL734	Management of Small & Medium Scale Industrial Enterprises	3	3-0-0	SUDHIR KUMAR JAIN
D	MSL740	QUANTITATIVE METHODS IN MGMT.	3	3-0-0	SURYA PRAKASH SINGH
S	MSL745	OPERATIONS MANAGEMENT	3	3-0-0	DR.JITENDRA MADAAN
T	MSL760	MARKETING MANAGEMENT	3	2-0-2	HARISH CHAUDHRY
J	MSL760	MARKETING MANAGEMENT	3	2-0-2	MAHIM SAGAR
T	MSL843	SUPPLY CHAIN LOGISTICS MGMT.	3	3-0-0	RAVI SHANKAR
U	MSL845	TOTAL PROJECT SYSTEMS MGMT.	3	2-0-2	DR.JITENDRA MADAAN
S	MSL847	Advanced Methods for Management Research	3	2-0-2	SEEMA SHARMA
Q	MSL855	Electronic Commerce	3	2-0-2	ARPAN KUMAR KAR
F	MSL862	Product Management	3	3-0-0	MAHIM SAGAR
E	MSL875	International Financial Management	3	3-0-0	SURENDRA SINGH YADAV
T	SML822	INTERNATIONAL BUSINESS	3	2-0-2	SURENDRA SINGH YADAV
S	SML863	ADVERTISING & SALES PROMOTION MANAGEMENT	3	3-0-0	HARISH CHAUDHRY
Q	SML873	SECURITY ANALYSIS & PROOF MANAGEMENT	3	2-0-2	SHVETA SINGH

Centre for Energy Studies (CES)					
H	ESL711	FUEL TECHNOLOGY	3	3-0-0	M.G. DASTIDAR
J	ESL732	BIOCONVERSION AND PROCESSING OF WASTE	3	3-0-0	D.K. SHARMA
B	ESL740	NON-CONVENTIONAL SOURCES OF ENERGY	3	3-0-0	VAMSI KRISHNA KOMARALA

F	ESL746	HYDROGEN ENERGY	3	3-0-0	L.M. DAS
A	ESL750	ECONOMICS & PLANNING OF ENERGY SYSTEMS	3	3-0-0	T.C. KANDPAL
E	ESL755	SOLAR PHOTOVOLTAIC DEVICES AND SYSTEMS	3	3-0-0	Sandeep Kumar Pathak
D	ESL760	HEAT TRANSFER	3	3-0-0	K.A. SUBRAMANIAN
X2	ESL768	WIND & SMALL HYDRO ENERGY SYSTMS	3	3-0-0	T.S.BHATTI
M	ESL768	WIND & SMALL HYDRO ENERGY SYSTMS	3	3-0-0	T.S.BHATTI
L	ESL770	SOLAR ENERGY UTILIZATION	3	3-0-0	DIBAKAR RAKSHIT
E	ESL796	OPERATION AND CONTROL OF ELECTRICAL ENERGY SYSTEMS	3	3-0-0	ASHU VERMA
K	ESL850	SOLAR REFRIGERATION AND AIR CONDITIONING	3	3-0-0	S.C. KAUSHIK
M	ESL870	FUSION ENERGY	3	3-0-0	MRS. R. UMA
X1	ESL875	ALTERNATIVE FUELS FOR TRANSPORTATION	3	3-0-0	K.A. SUBRAMANIAN

Dept. of Humanities & Social Sciences (HUSS)					
B	HUL711	PSYCHOLOGICAL TESTING AND BEHAVIORAL ASSESSMENT	3	2/1/2000	KAMLESH SINGH
M	HUL714	INCLUSIVE INNOVATION: THEORY AND PRACTICE	4	2-0-4	AMBUJ D. SAGAR
B	HUL736	PLANNING AND ECONOMIC DEVELOPMENT	3	3-0-0	JAYAN JOSE THOMAS
X3	HUL761	SCIOLOGY OF INDA	3	2/1/2000	FARHANA IBRAHIM
X5	HUL762	INDUSTRIAL ECONOMICS	3	3-0-0	SAPTARSHI MUKHERJEE
M	HUL810	COMMUNICATION SKILLS	3	3-0-0	SAMAR HUSAIN
B	HUL812	GRAMMER AND RHETORIC	3	3-0-0	PAROMA SANYAL
X1	HUL813	MINIMALIST ARCHITECTURE OF GRA	3	3-0-0	PRITHA CHANDRA
D	HUL823	CONTEMPORARY CRITICAL THEORY	3	2/1/2000	ARJUN GHOSH
X6	HUL840	PHILOSOPHY OF SOCIAL SCIENCES	3	3-0-0	MILIND WAKANKAR
B	HUL843	THE PHILOSOPHY OF LANGUAGE	3	3-0-0	C.A.TOMY
X2	HUL883	CRITICAL THEORY: PLATO TO DERRIDA	3	3-0-0	SANIL V.
X4	HUL884	INDIAN WRITING IN ENGLISH	3	3-0-0	SIMONA SAWHNEY
M	HUL888	APPLIED LINGUISTICS	3	3-0-0	SAMAR HUSAIN
X	HUL893	LITERATURE AND THE CITY	3	3-0-0	STUTI KHANNA

Centre for Atmospheric Sciences (CAS)					
D	ASL732	MATHEMATICAL AND COMPUTATIONAL	3	2-0-2	MAITHILI SHARAN
K	ASL733	PHYSICS OF THE ATMOSPHERE	3	3-0-0	DILIP GANGULY
J	ASL734	DYNAMICS OF THE ATMOSPHERE	3	3-0-0	S.K. DASH
H	ASL735	ATMOSPHERIC CHEMISTRY AND AIR	3	3-0-0	MANJU MOHAN
E	ASL757	TROPICAL WEATHER AND CLIMATE	3	3-0-0	SAROJ KANTA MISHRA
F	ASL762	AIR-SEA INTERACTION	3	3-0-0	VIMLESH PANT

A	ASL821	ADVANCED DYNAMIC METEOROLOGY	3	3-0-0	O.P. SHARMA
F	ASL826	OCEAN MODELING	3	2-0-2	A.D. RAO

Centre for Rural Development & Technology (CRDT)					
J	RDL700	BIOMAS PRODUCTION	3	3-0-0	SATYAWATI SHARMA
H	RDL701	RURAL INDUSTRIALSATION POLICES PROGRAMMES AND CASE	3	3-0-0	RAJENDRA PRASAD
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
F	RDL724	TECHNOLOGIES FOR WATER AND WASTE MANAGEMENT	3	3-0-0	ANUSHREE MALIK
B	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
J	RDL760	FOOD QUALITY AND SAFETY	3	3-0-0	SANTOSH