



(597 to 610) FIRST HALF - 2012

PROGRAMME OF THE B.E. (SEM.-VII) (OLD) (ALL BRANCHES) EXAMINATIONS

Candidates for the above examinations are requested to be present at the place of examination mentioned on their hall ticket; the candidates shall be present fifteen minutes before the commencement of the examinations and will not be allowed after the half an hour of the commencement of the examinations. The candidates are required to carry the hall ticket and their college/institute/department Identity Card
THEY ARE FORBIDDEN TO CARRY MOBILE PHONE, ANY BOOKS, NOTES OR PAPER ETC. IN THE EXAMINATION HALL.

Seat numbers and places of examination will be announced on the college notice boards four days prior to the date of commencement of the examination. Smoking is strictly prohibited in the examination hall.

TIME: 11.00 AM to 2:00 PM								
DAY DATI		MONDAY 21 ST MAY, 2012	FRIDAY 25 TH MAY, 2012	WEDNESDAY 30 TH MAY, 2012	MONDAY 4 TH JUNE, 2012	WEDNESDAY 6 TH JUNE, 2012		
DATI	10 WA1, 2012	21 MA1, 2012	25 WIA 1, 2012	50 MA1, 2012	ELECTIVE : I : ADVANCED SRUCTURAL ANALYSIS	0 JUNE, 2012		
					: TRAFFIC PLANNING & DESIGN : AIR POLLUTION			
					: APPLIED HYDROLOGY AND FLOOD CONTROL			
					: VALUE ENGINEERING			
					: SOLID WASTE MANAGEMENT			
					: ADVANCED FOUNDATION ENGINEERING			
VIL	ENVIRONMENTAL ENGINEERING - II	IRRIGATION ENGINEERING	THEORY OF REINFORCED &	CONSTRUCTION ENGINEERING	: ADVANCED STRUCTURAL MECHANICS			
. , 122	EXVINORMENTAL EXVOIVEENING II	Indicative Even (EE)	PRESTRESSED CONCRETE	CONSTRUCTION ENGINEERING	: ADVANCED ENGINEERING GEOLOGY			
					: ADVANCED SURVEYING			
					: ADVANCED CONSTRUCTION ENGINEERING			
					: MANAGEMENT DECISION MAKING			
					: STRUCTURAL DYNAMICS			
					: GROUND WATER HYDROLOGY	_		
					: PRESTRESS CONCRETE			
				ELECTIVE-I: GROUP - I: INDUSTRIAL	. TRESTRESS CONCRETE			
		NT E-COMMERCE AND INDUSTRIAL FINANCING		ROBOTICS				
			MANUFACTURING PLANNING & CONTROL	: GROUP - II : CONCURRENT DESIGN OF PRODUCTS & PROCESSES	DESIGN OF MACHINE ELEMENTS - II (11:00 am to 3:00 pm)			
				: GROUP - III : AUTOMOBILE ENGINEERING-I				
	CAD / CAM & FINITE ELEMENT			: GROUP - IV : CRYOGENIC ENGINEERING				
IECHANICAL	ANALYSIS (11:00 am to 3:00 pm)			: GROUP - V : BUSINESS PROCESS & REENGINEERING				
				: GROUP - VI : COMPUTER INTEGRATED MANUFACTURING				
				: GROUP - VII : ADVANCED FEA : GROUP - VIII : NON DESTRUCTIVE				
				TESTING				
				: GROUP - IX : ENTERPRISE NETWORKING AND INTERNET				
					ELECTIVE - I : HIGH VOLTAGE ENGINEERING			
					: HVDC TRANSMISSION			
LECTRICAL	PROTECTION & SWITCHGEAR	COMPUTER AIDED POWER	CONTROL SYSTEMS - II	COMMUNICATION ENGINEERING - II	: ELECTRICAL TRACTION			
	ENGINEERING	SYSTEMS ANALYSIS			: ANALYSIS & DESIGN OF SWITCHED MODE CONVERTERS			
					: OBJECT ORIENTED ANALYSIS & DESIGN			
					ELECTIVE - I: IMAGE PROCESSING			
					: PROCESS CONTROL & INSTRUMETATION			
LECTRONICS	FILTER THEORY AND APPLICATIONS	INSTRUMENTATION SYSTEMS	BASICS OF VLSI	DIGITAL COMMUNICATION	: MICROCOMPUTER SYSTEM DESIGN			
					: DSP ARCHITECTURES AND SYSTEMS			
					: WIRELESS COMMUNICATION			
					ELECTIVE - I : MOBILE COMPUTING			
OMPUTER	DIGITAL SIGNAL PROCESSING	SOFTWARE ENGINEERING	INTELLIGENT SYSTEMS	ADVANCED MICROPROCESSORS	: COMPUTER SIMULATION AND MODELING			
OMI CIER	21011112 SIGNAL I ROCESSING				: IMAGE PROCESSING			
					: PATTERN RECOGNITION			

AUTOMOBILE PROFESSION PRO						: EMBEDDED SYSTEMS	
PRINCE PRINCE PRINCE PRINCE PRINCE PRI						: ADVANCED COMPUTER NETWORKS	1
STRICTION SUSTAIN SURVIVAL SURVIVAL SUBSTRICTION SUBSTRICT						ELECTIVE - I: ADVANCED INSTRUMENTATION	
NOTITION CONSTRUCTION CONSTRUC		DIGITAL GIGALLE DE GERGANIA	PROJECT PLANNING &	ADVANCE CONTROL	N. N	: OPTIMIZATION TECHNIQUES	
CONSTRUCTION CONSTRUCTION PROJECT MANAGEMENT IN PROJECT MANAGEMENT PROJECT MANAGEM	INSTRUMENTATION	DIGITAL SIGNAL PROCESSING			INDUSTRIAL PROCESS CONTROL	: POWER ELECTRONICS & DRIVES	
CONSTRUCTION CONTRICTION PROJECT MANAGEMENT 1 BRIGATION ENGINEERING TRECTURES ADMINISTRATION OF CONSTRUCTION ANAVORD SURVEYING STRUCTURES FIRST URBS ADMINISTRATION OF CONSTRUCTION AVAILABLE SURVEYING SALVE SURVEYING SALV						: OPTIMAL CONTROL SYSTEM	
AUTOMOBILE CADCAM & FEA TENANCENG TENANCENG AUTOMOBILE CADCAM & FEA TENANCENG TENANC						ELECTIVE - I : ADVANCED ENGINEERING GEOLOGY	
AUTOMOBILE AUTOMOBILE CADCAM & PEA (100 am to 300 pm) CADCAM & PEA (100 am to 300 pm) ECOMMERCE AND INDUSTRIAL ADVANCE DESIGN OF MACHINE LEMINISTS (100 am to 300 pm) ECOMMERCE AND INDUSTRIAL ADVANCE DESIGN OF MACHINE LEMINISTS (100 am to 300 pm) AUTOMOBILE POLICIPON (100 am to 300 pm) ENANCING ELEMINISTS (100 am to 300 pm) ADVANCE DESIGN OF MACHINE POLICIPON (100 am to 300 pm) AND AND FIRST PEASON (100 pm) AND AND AND FIRST PEASON (100 pm) AND	CONSTRUCTION		IRRIGATION ENGINEERING			: ADVANCED SURVEYING	
AUTOMOBILE CADICAM & PEA (13:00 and to 3:00 pm) ADVANCE DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCE DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCE DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCE DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00 and to 1:00 pm) ADVANCED DESIGN OF SACHUNE ELEMENTS (11:00		MANAGEMENT - I		STRUCTURES	CONTRACTS	: MANAGEMENT DECISION MAKING	
AUTOMOBILE CADCAMAR HAA (Lift) and to 3,500 pm) ECOMMERCE AND INDESTRIAL ADVANCE DESIGN OF MACHINE TITAMENTS (Lift) and to 5,000 pm) PRANCES PROCESS REPRESENTEDINGERING CONCURRENT DESIGN OF PRODUCTS ADVANCED PRINTED ELEMENT ADVANCED PRINTED RATED (CORRUPTER INTEGRATED ADVANCED PRINTED RATED ADVANCED PRINTED RATED ADVANCED PRINTED RATED (CORRUPTER INTEGRATED (CORRUPTER INTEGRATED (CORRUPTER INTEGRATED ADVANCED PRINTED RATED (CORRUPTER INTEGRATED (CORRUP						: VALUE ENGINEERING	
AUTOMOBILE CADCAM & FEA (1180 am to 3300 pm) PROCESS ROUNDESSING OF FRANCISC & FRANCISC SITE OF FRANCISC S					ELECTIVE - I: INDUSTRIAL ROBOTICS		
AUTOMOBILE CADICAM & FITA (1199) and to 3:300 pm) FLOORMINGT AND INDUSTRIAL (1190) and to 3:300 pm) ADVANCED ELEMENTS (1190) and to 3:300 pm) FROORMING ELEMENTS (1190) and to 3:300 pm) ADVANCED DENTIS ELEMENT (ACAL SIN ACLASS) (BIGITAL COMMUNICATION ERADAR INGRIBERING (BIGITAL COMMUNICATION) (BIGI					: AUTOMOBILE POLLUTION		
ACTION FLAT IN ACTION					: BUSINESS PROCESS REENGINEERING		
ADVANCE PRINTE ELEMENT ANALYSIS COMMUNICATIO BECUTRONICS & TREACOMMUNICATIO DISCRETE TIME SIGNAL PROCESSING MOBILE COMMUNICATION SYSTEM MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION SYSTEMS AND MODILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION & MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION & MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION & MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION SYSTEMS AND MOBILE COMMUNICATION MOBILE COMMUNICATION SYSTEMS MOBILE COMMUNICATION SINCE	AUTOMOBILE			MACHINE ELEMENTS			
COMPUTER INTEGRATED MANUFACTION MANUFA							
ELECTRONICS & TELECOMMUNICATION PROCESSING MOBILE COMMUNICATION SYSTEM MOBILE COMMUNICATION SYSTEMS MANAGEMENT INFORMATION PROCESS ENGINEERING INSTRUMETATION & PROCESS CONTROL INSTRUMETATION & PROCESS ENGINEERING					COMPUTER INTEGRATED		
MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & DIGITAL COMMUNICATION MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & DIGITAL COMMUNICATION MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & MICROWAVE DEVICES & CIRCUTS MICROWAVE DEVICES & CIRCUT						ELECTIVE - I : IMAGE PROCESSING	
TELECOMMUNICATION NYSTEM SYSTEM CIRCUITS MARCOWAYD DEVILES CIRCUITS SYSTEM CIRCUITS MICROWAYD INTEGRATED CIRCUITS SIMULATION OF COMMUNICATION SYSTEMS. SIMULATION SYSTEMS. SIMULATION SYSTEMS. SIMULATION OF COMMUNICATION SYSTEMS. SIMULATION OF COMMUNICAT	TELECOMMUNICATIO				DIGITAL COMMUNICATION	: DATA COMPRESSION AND ENCRYPTION	
SIMICROWAVE INTEGRATED CIRCUITS SIMILATION OF COMMUNICATIONS SYSTEMS		DISCRETE TIME SIGNAL PROCESSING				: RADAR ENGINEERING	
CHEMICAL CHEMICAL PROCESS - II PROCESS ENGINEERING INSTRUMETATION & PROCESS CONTROL CHEMICAL REACTION ENGINEERING INSTRUMETATION & PROCESS CONTROL CHEMICAL REACTION ENGINEERING : POLYDME REGINDERING : POLYDME REGINDERING : POLYDME REGINDERING : POLYDME REGINDERING : PETROCHEMICAL & REFINING TECHNOLOGY INTERPREPENDENSHIP & MANAGEMENT (II:00 am to 1:00 pm) ELECTIVE - I: BIOCHEMICAL ENGINEERING : POLYDME REGINDERING : POLYDME REGINDERING : POLYDME REGINDERING : PETROCHEMICAL & REFINING TECHNOLOGY IMAGE PROCESS ING IMAGE PROCESSING IMAGE	N		SISIEM			: MICROWAVE INTEGRATED CIRCUITS	
HARING HEMICAL PROCESS—II PROCESS ENGINEERING INSTRUMETATION & PROCESS CONTROL INSTRUMETATION & PROCESS CO						: SIMULATION OF COMMUNICATION SYSTEMS.	
CHEMICAL PROCESS - II PROCESS ENGINEERING PROCESS CONTROL INFORMATION TECHNOLOGY MANAGEMENT INFORMATION SYSTEMS MANAGEMENT INFORMATION SYSTEMS MANAGEMENT INFORMATION SYSTEMS MARINE MECHANICS OF FLUIDS - II MARINE LC. ENGINE - II BIOSEPARATION AND DOWNSTREAM TECHNOLOGY - PROCESS DYNAMICS AND BIOSAFETY PRINTING & PACKAGING - PRODUCT PACKAGING-II PRINTING TECHNOLOGIS-II ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT INSTRUMENTAL OCHEMICAL REACTION ENGINEERING SIDE - INSTRUMENTAL SCIENCES & WASTE MANAGEMENT & SPECH RECOGNITION SIDE - INSTRUMENT SI		CHEMICAL PROCESS - II	PROCESS ENGINEERING		CHEMICAL REACTION ENGINEERING	ELECTIVE - I : BIOCHEMICAL ENGINEERING	MANAGEMENT
INFORMATION TECHNOLOGY MANAGEMENT INFORMATION SYSTEMS MARINE MECHANICS OF FLUIDS - II MARINE LC. ENGINE - II MARINE IRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE FIRE PREVENTION & CONTROL MARINE FIRE PREVENTION & CONTROL ELECTIVE - I: BIOMEDICAL ENGINEERING : PROCESS DYNAMICS AND CONTROL ELECTIVE - I: BIOMEDICAL ENGINEERING : NON-CONVENTIONAL SOURCES OF FIRERY : PROTEIN ENGINEERING : NON-CONVENTIONAL SOURCES OF FIRERY : PROCESS DYNAMICS AND CONTROL ELECTIVE - I: SELF ADHESIVE & NARROW WEB TECHNOLOGY - I FOOD PACKAGING SCIENCE & TECHNOLOGY-I FOOD PACKAGING SCIENCE & TECHNOLOGY-I	CHEMICAI					: FOOD PROCESS ENGINEERING	
INFORMATION TECHNOLOGY MANAGEMENT INFORMATION SYSTEMS MOBILE COMPUTING COMPUTER SIMULATION AND MODELLING COMPUTER SIMULATION AND MODELLING SPECIAL RECOGNITION SEMBEDDED SYSTEMS ADVANCED DATABASE SYSTEMS PATTERN RECOGNITION SEMBEDDED SYSTEMS ADVANCED COMPUTER NETWORKS MARINE RECOGNITION SEMBEDDED SYSTEMS ADVANCED COMPUTER NETWORKS MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & CONTROL MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & CONTROL MARINE FIRE PREVENTION & MARINE STEAM ENGG. BIOSEPARATION AND DOWNSTREAM TECHNOLOGY-I BIOSEPARATION AND DOWNSTREAM TECHNOLOGY FRINTING & PRODUCT PACKAGING-II PRINTING & WASTE MANAGEMENT ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT PACKAGING & PRINTING MACHINERY & SYSTEMS IMAGE PROCESSING MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGG. ELECTIVE-1: BIOMEDICAL ENGINEERING PROPODUCT PACKAGING-II PRINTING & WASTE MANAGEMENT ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT PACKAGING & PRINTING MACHINERY & SYSTEMS ELECTIVE-1: SELF ADHESIVE & NARROW WEB TECHNOLOGY-I FOOD PACKAGING SCIENCE & TECHNOLOGY-I	CHEMICAL					: POLYMER ENGINEERING	
INFORMATION TECHNOLOGY MANAGEMENT INFORMATION SYSTEMS MANAGEMENT INFORMATION SYSTEMS MANAGEMENT INFORMATION SYSTEMS MARINE MECHANICS OF FLUIDS - II MARINE I.C. ENGINE - II MARINE I.C. ENGINE - II MARINE I.C. ENGINE - II MARINE II MARINE IRC ENGONETION - II MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGO. MARINE FIRE PREVENTION & COMPOUTER NETWORKS MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGO. MARINE FIRE PREVENTION & ELECTIVE - I: BIOMEDICAL ENGINEERING ENVIRONMENTAL BIOSEPARATION AND DOWNSTREAM TECHNOLOGY PROCESS DYNAMICS AND CONTROL PRINTING & PACKAGING PRODUCT PACKAGING-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II PROVIECT MANAGEMENT PACKAGING PRINTING MACHINERY & SYSTEMS MAGE PROCESSING MAGE PROCESSING MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGO. **IPOCONVENTIONAL SOURCES OF ENERGY** 1: PROTEIN ENGINEERING 1: PROTEIN ENGINEERING 1: PROTEIN ENGINEERING 2: PROTEIN ENGINEERING 1: PROTEIN ENGINEERING 1: PROTEIN ENGINEERING 1: PROTEIN ENGINEERING 2: FROTEIN ENGINEERING 1: FROTEIN ENGINEERING 1: FROTEIN ENGINEERING 2: FROTEIN ENGINEERING 3: FROTEIN ENGINEERING 4:						: PETROCHEMICAL & REFINING TECHNOLOGY	
INFORMATION SYSTEMS MOBILE COMPUTING COMPUTER SIMULATION AND MODELLING : ADVANCED DATABASE SYSTEMS : PATTERN RECOGNITION : EMBEDDED SYSTEMS : ADVANCED COMPUTER NETWORKS :					COMPONENTS		
## PRINTING & PRODUCT PACKAGING-II **MOBILE COMPUTING** **AD MODELLING** **PATTERN RECOGNITION** **EMBEDDED SYSTEMS* **ADVANCED COMPUTER NETWORKS* **MARINE IC. ENGINE - II **MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGG.* **MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MARINE STEAM ENGG.* **PACKAGING TECHNOLOGY-I **PACKAGING APPROCESSING** **PACKAGING APPROCESSING** **PACKAGING APPROCESSING** **PACKAGING APPROCESSING** **PACKAGING APPROCESSING** **PACKAGING APPROCESSING** **PATTERN RECOGNITION* **PATT							
## PATHEN RECOGNITION ## PRODUCT PACKAGING-II ## PATHEN RECOGNITION ## PRODUCT PACKAGING-II ## PATHEN RECOGNITION ## PRODUCT PACKAGING-II ## PATHEN RECOGNITION ## PATHEN REC			MOBILE COMPUTING			IMAGE PROCESSING	
AMARINE MECHANICS OF FLUIDS - II MARINE I.C. ENGINE - II NAVAL ARCHITECTURE AND SHIP CONSTRUCCTION - II CONTROL MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGG.	TECHNOLOGI	SISILIVIS		THE MODELLING			
MARINE MECHANICS OF FLUIDS - II MARINE I.C. ENGINE - II NAVAL ARCHITECTURE AND SHIP CONSTRUCTION - II CONTROL MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGG. MARINE FIRE PREVENTION & MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGG. ELECTIVE - I : BIOMEDICAL ENGINEERING : NON-CONVENTIONAL SOURCES OF ENERGY : PROTEIN ENGINEERING PRINTING & PACKAGING TECHNOLOGY PRINTING & PACKAGING PRINTING MACHINERY & SYSTEMS PACKAGING SYSTEMS MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MARINE FIRE PREVENTION & MARINE STEAM ENGG. MARINE FIRE PREVENTION & MARINE FIRE PREVE							
HARINE MARINE I.C. ENGINE - II SHIP CONSTRUCCTION - II CONTROL MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE I.C. ENGINE - II SHIP CONSTRUCCTION - II CONTROL MANAGEMENT SCIENCE & SHIPBOARD OPERATION MARINE STEAM ENGO. PROCESS DYNAMICS AND CONTROL FROTEIN ENGINEERING PROTEIN ENGINEERING ELECTIVE - I : BIOMEDICAL ENGINEERING PROTEIN ENGINEERING ELECTIVE-I : SELF ADHESIVE & NARROW WEB TECHNOLOGY-I FOOD PACKAGING SCIENCE & TECHNOLOGY-I FOOD PACKAGING SCIENCE & TECHNOLOGY-I					: ADVANCED COMPUTER NETWORKS		
BIOTECHNOLOGY IPR BIOETHICS AND BIOSAFETY ENVIRONMENTAL BIOTECHNOLOGY-I BIOSEPARATION AND DOWNSTREAM TECHNOLOGY PROCESS DYNAMICS AND CONTROL : NON-CONVENTIONAL SOURCES OF ENERGY : PROTEIN ENGINEERING PRINTING & PACKAGING & PRINTING MACHINERY & SYSTEMS ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT PACKAGING & PRINTING MACHINERY & SYSTEMS ENVIRONMENTAL SCIENCES & SYSTEMS ENVIRONMENTAL SCIENCES & SYSTEMS ENVIRONMENTAL SCIENCES & SYSTEMS FOOD PACKAGING SCIENCE & TECHNOLOGY-I : PROTEIN ENGINEERING : NON-CONVENTIONAL SOURCES OF ENERGY : PROTEIN ENGINEERING : FOOD PACKAGING SCIENCE & TECHNOLOGY-I	MARINE	MECHANICS OF FLUIDS - II	MARINE I.C. ENGINE - II			MANAGEMENT SCIENCE & SHIPBOARD OPERATION	MARINE STEAM ENGG.
PRINTING & PRODUCT PACKAGING-II PRODUCT PAC				DIOGEDA DA TICAY AND		ELECTIVE - I : BIOMEDICAL ENGINEERING	
PRINTING & PRODUCT PACKAGING-II PRODUCT PACKAGING-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II PRODUCT PACKAGING-II PRINTING TECHNOLOGIES-II PROTEIN ENGINEERING ELECTIVE-I: SELF ADHESIVE & NARROW WEB TECHNOLOGY-I : FOOD PACKAGING SCIENCE & TECHNOLOGY-I	BIOTECHNOLOGY	IPR BIOETHICS AND BIOSAFETY		DOWNSTREAM	PROCESS DYNAMICS AND CONTROL	: NON-CONVENTIONAL SOURCES OF ENERGY	
PRINTING & PACKAGING TECHNOLOGY PRODUCT PACKAGING-II PRODUCT PACKAGING-II PRODUCT PACKAGING-II PRINTING TECHNOLOGIES-II PRINTING TECHNOLOGIES-II ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT PACKAGING & PRINTING MACHINERY & FOOD PACKAGING SCIENCE & TECHNOLOGY-I FOOD PACKAGING SCIENCE & TECHNOLOGY-I				TECHNOLOGY		: PROTEIN ENGINEERING	
TECHNOLOGY PRODUCT PACKAGING-II PRINTING TECHNOLOGIES-II & WASTE MANAGEMENT S SYSTEMS : FOOD PACKAGING SCIENCE & TECHNOLOGY-I		ENIVIDONIMENTAL SCIEN	ENVIRONMENTAL SCIENCES	PACKAGING & PRINTING MACHINERY			
	PACKAGING P	PRODUCT PACKAGING-II	PRINTING TECHNOLOGIES-II			: FOOD PACKAGING SCIENCE & TECHNOLOGY-I	
: INDUSRIAL PRODUCTS PACKAGING-I						: INDUSRIAL PRODUCTS PACKAGING-I	

Candidates are permitted to use the scientific but not programmable calculator at the examination.

Candidates for the examination are expected to provide themselves with slide-rules, charts and drawing instruments if required.

The exchange or loan of slide rules, charts, drawing instruments or any other materials used in the examination is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.

Mumbai – 400 098. DATE: 9TH APRIL., 2012

Dr. S.M. SURYAWANSHI I/C CONTROLLER OF EXAMINATIONS

University of Mumbai



(502 to 515) FIRST HALF - 2012

PROGRAMME OF THE B.E. (SEM.-VII) (ALL BRANCHES) EXAMINATIONS

Candidates for the above examinations are requested to be present at the place of examination mentioned on their hall ticket; the candidates shall be present fifteen minutes before the commencement of the examinations and will not be allowed after the half an hour of the commencement of the examinations. The candidates are required to carry the hall ticket and their college/institute/department Identity Card

THEY ARE FORBIDDEN TO CARRY MOBILE PHONE, ANY BOOKS, NOTES OR PAPER ETC. IN THE EXAMINATION HALL.

Seat numbers and places of examination will be announced on the college notice boards four days prior to the date of commencement of the examination. Smoking is strictly prohibited in the examination hall.

The branch wise written examinations of **B.E.** (SEM.- VII) (All Branches) will be conducted as per the following schedule: -

DAY	WEDNESDAY	MONDAY	TIME: 11:00 AM to 2:00 PM FRIDAY	WEDNESDAY	MONDAY
DATE	16 TH MAY, 2012	21 ST MAY, 2012	25 TH MAY, 2012	30 TH MAY, 2012	4 TH JUNE, 2012
CIVIL	ENVIRONMENTAL ENGINEERING - II	IRRIGATION ENGINEERING	LIMIT STATE METHOD FOR REINFORCED CONCRETE STRUCTURES	QUANTITY SURVEY ESTIMATION AND VALUATION (11:00 am to 3:00 pm)	ELECTIVE -I ADVANCED SURVEYING ADVANCED ENGINEERING GEOLOGY APPLIED HYDROLOGY AND FLOOD CONTROL SOLID WASTE MANAGEMENT SYSTEMS APPROACH IN CIVIL ENGINEERING RISK AND VALUE MANAGEMENT ADVANCED STRUCTURAL ANALYSIS STRUCTURAL DYNAMICS ADVANCED STRUCTURAL MECHANICS ADVANCED FOUNDATION ENGINEERING GROUND WATER HYDROLOGY PAVEMENT SUBGRADE & MATERIALS AIR POLLUTION PRESTRESSED CONCRETE TRAFFIC ENGINEERING AND CONTROL REINFORCED CONCRETE REPAIRS AND MAINTENANCE
MECHANICAL	CAD / CAM / CIM (11:00 AM TO 3:00 PM)	REFRIGERATION AND AIR CONDITIONING	MANUFACTURING PLANNING & CONTROL	ELECTIVE - I SUPPLY CHAIN MANAGEMENT CRYOGENIC ENGINEERING NUCLEAR TECHNOLOGY -I MICRO ELECTRO MECHANICAL SYSTEMS(MEMS) POWER PLANT ENGINEERING OPERATIONS RESEARCH INFORMATION TECHNOLOGY FOR MANAGEMENT OF ENTERPRISES VIRTUAL REALITY COMPUTATIONAL FLUID DYNAMICS INDUSTRIAL ROBOTICS PIPING ENGINEERING DYNAMIC SYSTEM MODELLING & ANALYSIS	ADVANCED COMPUTATIONAL TECHNIQUES MACHINE DESIGN - II (11:00 AM TO 3:00 PM)

		-			ELECTIVE - I
					HIGH VOLTAGE ENGINEERING
	ELECTRICAL MACHINE	POWER SYSTEM OPERATION			ANALYSIS AND DESIGN OF SWITCHED MODE
ELECTRICAL	DESIGN	AND CONTROL	CONTROL SYSTEMS - II	HIGH VOLTAGE DC TRANSMISSION	CONVERTERS
					POWER SYSTEM DYNAMICS AND STABILITY
					ILLUMINATION ENGINEERING
					ELECTIVE - II
FLECTRONICS	FILTER DESIGN	POWER ELECTRONIC AND	VLSI DESIGN	COMMUNICATION NETWORKS	WIRELESS COMMUNICATION
ELECTRONICS		DRIVES			ADVANCE IN BIOMEDICAL INSTRUMENTATION MICRO COMPUTER SYSTEM DESIGN
					DIGITAL IMAGE PROCESSING DESIGN
					ELECTIVE -I
	DIGITAL SIGNAL & IMAGE				COMPUTER SIMULATION AND MODELING
COMPUTER	PROCESSING	ROBOTICS AND AI	MOBILE COMPUTING	SYSTEM SECURITY	E-COMMERCE
					PROJECT MANAGEMENT
					SOFT COMPUTING
					ELECTIVE-I
					ADVANCED EMBEDDED SYSTEMS
	BIOMEDICAL	PROCESS AUTOMATION	ADVANCE CONTROL SYSTEMS	INDUSTRIAL PROCESS CONTROL	FIBER OPTIC INSTRUMENTATION
INSTRUMENTATION	INSTRUMENTATION				PROCESS MODELING AND OPTIMIZATION
					IMAGE PROCESSING
					EXPERT SYSTEMS
					ELECTIVE -I
					ADVANCED SURVEYING
					SYSTEM APPROACH IN CIVIL ENGINEERING
	ga		LIMIT STATE METHOD FOR	QUANTITY SURVEY ESTIMATION	RISK AND VALUE MANAGEMENT
CONSTRUCTION	CONSTRUCTION MANAGEMENT - I	IRRIGATION ENGINEERING	REINFORCED CONCRETE STRUCTURES	VALUATION (11:00 AM TO 3:00 PM)	ADVANCED ENGINEERING GEOLOGY
				(11.00 AM 10 3.00 I M)	LEGAL ASPECTS IN CONSTRUCTION
					SAFETY MANAGEMENT IN CONSTRUCTION
					REINFORCED CONCRETE REPAIRS AND MAINTENANCE
					PRODUCTIVITY IN CONSTRUCTION
				ELECTIVE-I	
				TRANSPORT MANAGEMENT & MOTOR INDUSTRY	
				NOISE VIBRATION AND HARSHNESS	-
					-
				SUPPLY CHAIN MANAGEMENT	
				POWER PLANT ENGINEERING MICRO ELECTRO MECHANICAL	-
				SYSTEMS(MEMS)	
AUTOMOBILE	CAD / CAM / CIM	AUTOTRONICS	ADVANCE DESIGN OF MACHINE ELEMENTS	OPERATIONS RESEARCH	
AUTOMOBILE	(11:00 AM TO 3:00 PM)		(11:00 AM TO 3:00 PM)	INFORMATION TECHNOLOGY FOR	
				MANAGEMENT OF ENTERPRISES	
				VIRTUAL REALITY	
				COMPUTATIONAL FLUID DYNAMICS	_
				INDUSTRIAL ROBOTICS	_
				PIPING ENGINEERING DYNAMIC SYSTEM MODELLING &	-
				ANALYSIS	

ELECTRONICS & TELECOMMUNICATION	DISCRETE TIME SIGNAL PROCESSING	MOBILE COMMUNICATION SYSTEMS	FUNDAMENTALS OF MICROWAVE ENGINEERING	COMPUTER COMMUNICATION NETWORK	ELECTIVE-I DATA COMPROSSION AND ENCRYPTION INTRODUCTION TO VLSI DESIGN SPEECH PROCESSING ELECTRONIC PRODUCT DESIGN
CHEMICAL	CHEMICAL PROCESS - II	PROCESS ENGINEERING	INSTRUMETATION & PROCESS CONTROL	REACTION KINETICS	ELECTIVE-II BIO-TECHNOLOGY POLYMER ENGINEERING FOOD PROCESS ENGINEERING PETROCHEMICAL & REFINING TECHNOLOGY NUCLEAR ENGINEERING PROJECT ENGINEERING & ENTREPRENEURSHIP MANAGEMENT
INFORMATION TECHNOLOGY	DATA WAREHOUSING MINING & BUSINESS INTELLIGENCE	SOFTWARE TESTING & QUALITY ASSURANCE	SIMULATION AND MODELLING	ELECTIVE -I WIRELESS NETWORK MULTIMEDIA SYSTEMS EVOLUTIONARY ALGORITHMS IT IN CONSTRUCTION NANOTECHNOLOGY GEOGRAPHICAL INFORMATION SYSTEMS ARTIFICIAL INTELLIGENCE	- DIGITAL SIGNAL & IMAGE PROCESSING
BIOMEDICAL	MEDICAL IMAGE-II	BIOMEDICAL INSTRUMENTATION-III	PRINCIPLES OF IMAGING PROCESSING	NETWORKING AND INFORMATION SYSTEM IN MEDICINE	
BIOTECHNOLOGY	IPR BIOETHICS AND BIOSAFETY	ENVIRONMENTAL BIOTECHNOLOGY-I	BIOSEPARATION AND DOWNSTREAM TECHNOLOGY	PROCESS DYNAMICS AND CONTROL	ELECTIVE - I : BIOMEDICAL ENGINEERING : NON-CONVENTIONAL SOURCES OF ENERGY : PROTEIN ENGINEERING
PRINTING & PACKAGING TECHNOLOGY	PRODUCT PACKAGING-II	PRINTING TECHNOLOGIES-II	ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT	PACKAGING & PRINTING MACHINERY & SYSTEMS	ELECTIVE-I: SELF ADHESIVE & NARROW WEB TECHNOLOGY-I : FOOD PACKAGING SCIENCE & TECHNOLOGY-I : INDUSRIAL PRODUCTS PACKAGING-I

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Mumbai – 400 098. Date: 29TH FEBRUARY, 2012.

DR. S.M. SURYAWANSHI I/C. CONTROLLER OF EXAMINATIONS



(464 to 479) FIRST HALF - 2012

PROGRAMME OF THE B.E. (SEM.-VIII) (REV.) (ALL BRANCHES) EXAMINATIONS

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			TIME 11:00 AM TO 2:00 PM			
DAY	TUESDAY	SATURDAY	THURSDAY	TUESDAY	SATURDAY	THURSDAY
DATE	15 TH MAY, 2012	19^{TH} MAY, 2012	24 TH MAY, 2012	29^{TH} MAY, 2012	2 ND JUNE, 2012	7TH JUNE, 2012
DATE	CONSTRUCTION MANAGEMENT	19 TH MAY, 2012 CONSTRUCTION ENGINEERING	ELECTIVE: DESIGN OF HYDRAULIC STRUCTURES. : GEOGRAPHICAL INFORMATION SYSTEMS. : SOIL DYNAMICS. : BRIDGE DESIGN & ENGINEERING. : ROCK MECHANICS. : ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT. : INDUSTRIAL WASTE TREATMENT. : APPRAISAL AND IMPLEMENTATION OF INFRASTURE PROJECTS. : DISASTER MANAGEMENT. : ADVANCED DESIGN OF STEEL STRUCTURES : WATER RESOURCE ENGINEERING & MANAGEMENT. : EARTHQUAKE ENGINEERING. : BUILDING SERVICES. : PAVEMENT DESIGN AND CONSTRUCTION. : ADVANCED CONSTRUCTION	DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES. (11.00 AM to 3.00 PM)	2 ND JUNE, 2012	7 TH JUNE, 2012
MECHANICAL	FINITE ELEMENT ANALYSIS (11.00 AM to 3.00 PM)	ELECTIVE: II: ARTIFICIAL AND MACHINE INTELLIGENCE. : BUSINESS PROCESS RE-ENGINEERING : ADVANCED REFRIGERATION AND AIR CONDITIONING : NON CONVENTIONAL ENERGY SOURCES. : NUCLEAR TECHNOLOGY-II : INTRODUCTION TO NANO TECHNOLOGY : PROJECT MANAGEMENT : PRODUCT LIFE CYCLE	ENGINEERING : ADVANCED REPAIRS & REHABILITATION OF STRUCTURE : TRANSPORTATION PLANNING & ECONOMICS AUTOMOBILE ENGINEERING (11.00 AM to 3.00 PM)	INDUSTRIAL ENGINEERING & ENTERPRISE RESOURCE PLANNING.		
		: ADVANCED TURBO MACHINERY : PROCESS EQUIPMENT DESIGN : MECHANICAL SYSTEM DESIGN				

ELECTRICAL	DESIGN MANAGEMENT & AUDITING OF ELECTRICAL SYSTEMS.	DRIVES & CONTROL	ELECTIVE: II. : POWER QUALITY : ELECTRIC TRACTION : FLEXIBLE AC TRANSMISSION SYSTEM : DIGITAL SIGNAL PROCESSOR APPLICATION IN POWER SYSTEM	POWER, SYSTEM, PLANNING & RELIBILITY.		
PRODUCTION	TOTAL QUALITY STRATEGY	AUTOMATION AND CONTROL ENGINEERING. (11.00 AM to 3.00 PM)	INDUSTRIAL RELATIONS & HUMAN RESOURSE MANAGEMENT	COMPUTER AIDED MANUFACTURING	ENGINEERING ECONOMICS, FINANCE, ACCOUNTING AND COSTING.	ELECTIVE: II : INDUSTRIAL ROBOTICS : PLASTICS ENGINEERING. : MECHATRONICS : PRODUCTION DESIGN : SALES AND MARKETING MANAGEMENT. :SUPPLY CHANGE MANAGEMENT.
ELECTRONICS	ADVANCE VLSI DESIGN	ROBBOTICS & AUTOMATION	ELECTIVE: II. : ADVANCED NETWORKING TECHNOLOGIES : DSP PROCESSORS AND ARCHITECTURES : NEURAL NETWORKS & FUZZY SYSTEMS : ELECRONICS PRODUCT DESIGN	EMBEDDED SYSTEMS AND REAL TIME PROGRAMMING		
COMPUTER	SOFTWARE ARCHITECTURE	MULTIMEDIA SYSTEM DESIGN.	ELECTIVE: II.: HUMAN COMPUTING INTERACTION. : COMPUTER VISION. : ADVANCED INTERNET TECHNOLOGY : EMBEDDED SYSTEM	DISTRIBUTED COMPUTING		
INSTRUMENTATION	INSTRUMENTATION PROJECT, DOCUMENTATION & EXECUTION	BATCH PROCESS AUTOMATION	ELECTIVE: II.: NUCLEAR INSTRUMENTATION. : POWERPLANT INSTRUMENTATION. DIGITAL CONTROL SYSTEM OPTIMAL & ROBUST CONTROL SYSTEMS AUTOMATION IN ENERGY & INFRASTRUCTURE	INSTRUMENT & SYSTEM DESIGN.		
BIOMEDICAL	NUCLEAR MEDICINE	BASICS OF VLSI	BIO MEDICAL MICROSYSTEMS	ELECTIVE.: HOSPITAL MANAGEMENT DIGITAL IMAGING & COMMUNICATION IN MEDICINE ROBOTICS IN MEDICINE		
CONSTRUCTION	CONSTRUCTION MANAGEMENT-II	ADMINISTRATION OF CONSTRUCTION CONTRACTS	ELECTIVE: II.: WATER RESOURCES ENGINEERING & MANAGEMENT : ENVIRONMENT IMPACT ASSESSMENT & AUDIT. : APPRISAL & IMPLIMENTATION OF INFRASTRUCTURE PROJECTS : DISASTER MANAGEMENT : BUILDING SERVICES : ADVANCED CONSTRUCTION TECHNIQUES : ADVANCED CONSTRUCTION ENGINEERING. : ADVANCED REPAIRS & REHABILITATION OF RC STRUCTURES	DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES. (11.00 AM to 3.00 PM)		
AUTOMOBILE	FINITE ELEMENT ANALYSIS (11.00 AM to 3.00 PM)	ELECTIVE: II.: ARTIFICIAL AND MACHINE INTELLIGENCE. : PROCESS EQUIPMENT DESIGN : BUSINESS PROCESS RE- ENGINEERING	VEHICLE DESIGN. (11.00 AM to 3.00 PM)		VEHICLE MAINTENANCE.	VEHICLE DYNAMICS.

		: NON-CONVENTIONAL ENERGY SOURCES : INTRODUCTION TO NANO TECHNOLOGY : PRODUCT LIFE CYCLE MANAGEMENT : AUTOMATIVE REFRIGENERATION & AIR CONDITIONING : VEHICLE SAFETY : PROJECT MANAGEMENT				
ELECTRONICS & TELECOMMUNICATION	ADVANCE MICROWAVE ENGINEERING	OPTICAL FIBER COMMUNICATION.	WIRELESS NETWORK.	ELECTIVE: II.: SATELLITE COMMUNICATION. :TELECOMMUNICATION NETWORK MANAGEMENT : MICROWAVE INTEGRATED CIRCUITS : IMAGE PROCESSING		
CHEMICAL	CHEMICAL REACTION ENGINEERING	ENVIRONMENTAL ENGINEERING.		ELECTIVE: III.: MEMBRANE PROCESS DESIGN TECHNOLOGY : INDUSTRIAL SAFETY : ENERGY SYSTEM DESIGN : PHARMACEUTICAL : NANOTECHNOLOGY	MODELING & SIMULATION IN CLINICAL ENGINEERING.	
INFORMATION TECHNOLOGY	INFORMATION STORAGE MANAGEMENT & DISASTER RECOVERY.	GAMING, ARCHITECTURE & PROGRAMMING.	ELECTIVE: II.: CLOUD COMPUTING. : I.T. FOR HEALTH CARE : SERVICE ORIENTED ARCHITECTURE : E-GOVERNMENT : ERP & CRM : MOBILE & E-COMMERCE : ROBOTICS & MACHINE INTELLIGENCE	SOFTWARE PROJECT MANAGEMENT		
MARINE	NAVAL ARCHITECTURE AND SHIP CONSTRUCTION III	MARINE ENGINEERING MEASUREMENT AND CONTROL ENGINEERING.	COMPETENCE OF WATCH-KEEPING & SHIPBOARD OPERATIONS	ELECTIVE: DOUBLE HULL TANK VESSELS. : ADVANCED MARINE HEAT ENGINES (CO-CYCLES) : GAS TURBINES. : ADVANCED FLUID MECHANICS. : MARINE STEAM TURBINES : NON-DESTRUCTIVE TESTING : WELDING TECHNOLOGY IN SHIP-BUILDING	HUMANITIES AND MARINE MANAGEMENT SCIENCE.	MARINE FIRE PREVENTION & CONTROL
BIO-TECHNOLOGY	TRANSPORT PHENOMENA IN BIOTECHNOLOGY	ENVIRONMENTAL BIOTECHNOLOGY-II.	PROJECT ENGINEERING.	PROCESS PLANT OPERAIONS AND SAFETY.	ELECTIVE-II : FOOD BIOTECHNOLOGY. : METABOLIC ENGINEERING : AGRICULTURE BIOTECHNOLOGY.	
PRINTING & PACKAGING TECHNOLOGY	PRODUCT PRESERVATION & SPECIALITY PACKAGING	PACKAGING & PRINTING MANAGEMENT	PACKAGING DISTRIBUTION & LOGISTICS	ELECTIVE-II : SELF ADHESIVE AND NARROW WEB TECHNOLOGY-II : FOOD PACKAGING SCIENCE & TECHNOLOGY-II : INDUSTRIAL PRODUCT PACKAGING -II		

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Mumbai – 400 098.

DATE: 29TH FEBRUARY, 2012

DR. S.M. SURYAWANSHI I/C. CONTROLLER OF



(448 to 463) FIRST HALF - 2012

PROGRAMME OF THE B.E. (SEM.-VIII) (OLD) (ALL BRANCHES) EXAMINATIONS

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			TIME 11:00 AM TO 2:00 PM	Л		
DAY	TUESDAY	SATURDAY	THURSDAY	TUESDAY	SATURDAY	THURSDAY
DATE	15 TH MAY, 2012	19 TH MAY, 2012	24 TH MAY, 2012	29 TH MAY, 2012	2 ND JUNE, 2012	7 TH JUNE, 2012
CIVIL	CONSTRUCTION MANAGEMENT	QUANTITY SURVEY ESTIMATION & VALUATION. (11.00 AM to 3.00 PM)	ELECTIVE: DESIGN OF HYDRAULIC STRUCTURES. : GEOGRAPHICAL INFORMATION SYSTEMS. : SOIL DYNAMICS. : BRIDGE ENGINEERING. : ROCK MECHANICS. : ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT. : INDUSTRIAL WASTE TREATMENT. : APPRAISAL AND IMPLEMENTATION OF INFRASTURE PROJECTS. : RISK AND DISASTER MANAGEMENT. : ADVANCED DESIGN OF STEEL STRUCTURES : WATER RESOURCE ENGINEERING & MANAGEMENT. : EARTHQUAKE ENGINEERING. : DESIGN AND DRAWING OF BUILDING SERVICES. : PAVEMENT DESIGN AND CONSTRUCTION.	DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES. (11.00 AM to 3.00 PM)	2 ND JUNE, 2012	7 TH JUNE, 2012
MECHANICAL	REFRIGERATION & AIR-CONDITIONING.	ELECTIVE: II : ARTIFICIAL AND MACHINE INTELLIGENCE. : SOFTWARE ENGINEERING. : AUTOMOBILE ENGINEERING - II. : NON CONVENTIONAL ENERGY SOURCES. : SUPPLY CHAIN MANAGEMENT. : OPTIMIZATION. : DYNAMIC SYSTEM ANALYSIS. : WELDING ENGINEERING. : JAVA TECHNOLOGIES.	TECHNIQUES. DESIGN OF MECHANICAL SYSTEMS. (11.00 AM to 3.00 PM)	INDUSTRIAL ENGINEERING & ENTERPRISE RESOURCE PLANNING.		
ELECTRICAL	DESIGN & ESTIMATION OF ELECTRICAL SYSTEMS.	DRIVE & CONTROLS	ELECTIVE: II.: FACTS (FLEXIBLE AC TRANSMISSION SYSTEM). : ILLUMINATION ENGINEERING. : ROBOTICS. : RELIABILITY ENGG. : PROJECT MANAGEMENT.	INDUSTRIAL CONTROLLERS.		

PRODUCTION	TOTAL QUALITY MANAGEMENT & PRODUCTIVITY TECHNIQUES (11.00 AM to 3.00 PM)	AUTOMATION AND CONTROL ENGINEERING. (11.00 AM to 3.00 PM)	INDUSTRIAL MANAGEMENT & HRD	CAD / CAM (11.00 AM to 3.00 PM)	ECONOMICS FINANCE ACCOUNTING AND COSTING.	ELECTIVE: ARTIFICIAL INTELLIGENCE. : INDUSTRIAL ROBOTICS. : PLASTIC ENGINEERING. : OPERATION MANAGEMENT :MECHATRONICS : PRODUCTION SOFTWARE : MATERIAL HANDLING SYSTEM & EQUIPMENT DESIGN. : SALES AND MARKETING MANAGEMENT. : MATERIALS MANAGEMENT.
ELECTRONICS	POWER ELECTRONICS.	DATA COMMUNICATION & NETWORKING.	ELECTIVE: II.: ADVANCED DIGITAL SIGNAL PROCESSING. : BIOMEDICAL INSTRUMENTATION. : ROBOTICS. : EMBEDDED SYSTEMS & REAL TIME PROGRAMMING. : TELECOM NETWORK MANAGEMENT. : VLSI DESIGN.	MECHATRONICS		(11.00 AM to 3.00 PM)
COMPUTER	SYSTEM SECURITY.	MULTIMEDIA SYSTEMS.	ELECTIVE: II.: DATA WAREHOUSING AND MINING. : COMPUTER VISION. : SOFTWARE TESTING. : ROBOTICS. : NEURAL NETWORKS AND FUZZY SYSTEMS. : PARALLEL PROCESSING.	DISTRIBUTED COMPUTING		
INSTRUMENTATION	BIOMEDICAL INSTRUMENTATION	DIGITAL CONTROL SYSTEM.	ELECTIVE: II.: NUCLEAR INSTRUMENTATION. ELECTIVE: II.: VIRTUAL INSTRUMENTATION. ELECTIVE: II.: IMAGE PROCESSING. ELECTIVE: II.: ROBOTICS.	INSTRUMENTATION SYSTEM DESIGN.		
BIOMEDICAL	BIOLOGICAL MODELING AND SIMULATION.	PRINCIPLES OF IMAGE PROCESSING.	ADVANCED BIOMEDICAL INSTRUMENTATION.	ELECTIVE. A: NUCLEAR MEDICINE. B: HOSPITAL MANAGEMENT & INFORMATION SYSTEMS. C: ADVANCED MEDICAL IMAGING. D: TELEMEDICINE.		
CONSTRUCTION	CONSTRUCTION PROJECT MANAGEMENT-II	QUANTITY & SURVEY ESTIMATION. (11.00 AM to 3.00 PM)	ELECTIVE: II.: QUALITY MANAGEMENT IN CONSTRUCTION. : ADVANCED CONSTRUCTION TECHNIQUES. : ADVANCED ENVIRONMENTAL ENGINEERING. : PRODUCTIVITY IN CONSTRUCTION.	DESIGN AND DETAILING OF REINFORCED CONCRETE STRUCTURES. (11.00 AM to 3.00 PM)		
AUTOMOBILE	AUTOTRONICS.	ELECTIVE: II.: ARTIFICIAL AND MACHINE INTELLIGENCE. : SUPPLY CHAIN MANAGEMENT. : DYNAMIC SYSTEM ANALYSIS. : OPTIMIZATION. : NOISE VIBRATION AND HARSHNESS. : VEHICLE SAFETY.	VEHICLE DESIGN. (11.00 AM to 3.00 PM)	INDUSTRIAL ENGINEERING & ENTERPRISE RESOURCE PLANNING.	VEHICLE MAINTENANCE.	VEHICLE DYNAMICS.

ELECTRONICS & TELECOMMUNICATION CHEMICAL	COMPUTER COMMUNICATION & NETWORKS INDUSTRIAL SAFETY.	OPTICAL FIBER COMMUNICATION. ENVIRONMENTAL ENGINEERING.	SATELLITE COMMUNICATION. PROJECT ENGINEERING AND MANAGEMENT.	ELECTIVE: II.: DIGITAL VOICE COMMUNICATION. : WIRELESS NETWORK. :TELECOMMUNICATION NETWORK MANAGEMENT : MICROWAVE AMPLIFIER AND OSCILLATOR DESIGN. : OPTICAL NETWORKS. : INTERNET COMMUNICATION ENGG. ELECTIVE: II.: MULTIPHASE REACTORS DESIGN. : ENGERGY SYSTEM DESIGN.	PROCESS SIMULATION AND DESIGN.	
INFORMATION	PROJECT MANAGEMENT.	MULTIMEDIA SYSTEMS.	ELECTIVE: II.: INFORMATION	: ADSORPTIVE PROCESS DESIGN.: MEMBRANE PROCESS DESIGN.DATA WAREHOUSING AND		
TECHNOLOGY			SECURITY. : GEOGRAPHICAL INFORMATION SYSTEM. : SOFTWARE TESTING. : COMPUTER VISION. : NEURAL NETWORKS AND FUZZY SYSTEMS. : ROBOTICS.	MINING.		
MARINE	NAVAL ARCHITECTURE AND SHIP CONSTRUCTION III	MARINE ENGINEERING MEASUREMENT AND CONTROL ENGINEERING II	COMPETENCE FOR WATCH-KEEPING OF ENGINEER OFFICERS	ELECTIVE: DOUBLE HULL TANK VESSELS. : ADVANCED MARINE HEAT ENGINES (CO-CYCLES). : ADVANCED HYDRAULICS. : RENEWABLE ENERGY SOURCES & APPLICATIONS. : ADVANCED FLUID MECHANICS. : FLUID CIRCUITS AND CONTROL : ELECTROMAGNETIC INTERFERENCE (EMI) AND ELECTRO-MAGNETIC COMPATIBILITY (EMC). : NON-DESTRUCTIVE TESTING : WELDING ENGINEERING		
BIO-TECHNOLOGY	TRANSPORT PHENOMENA IN BIOTECHNOLOGY	ENVIRONMENTAL BIOTECHNOLOGY-II.	PROJECT ENGINEERING.	PROCESS PLANT OPERAIONS AND SAFETY.	ELECTIVE-II : FOOD BIOTECHNOLOGY. : METABOLIC ENGINEERING : AGRICULTURE BIOTECHNOLOGY.	
PRINTING & PACKAGING TECHNOLOGY	PRODUCT PRESERVATION & SPECIALITY PACKAGING	PACKAGING & PRINTING MANAGEMENT	PACKAGING DISTRIBUTION & LOGISTICS	ELECTIVE-II: SELF ADHESIVE AND NARROW WEB TECHNOLOGY: FOOD PACKAGING SCIENCE & TECHNOLOGY-II: INDUSTRIAL PRODUCT PACKAGING -II		

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