

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 500 085**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH - I SEMESTER– R09- I MID TERM EXAMINATIONS, AUGUST- 2015**

**TIME TABLE**  
**TIME → FN: 10.00 AM TO 11.30 AM**

BRANCH	DATE, TIME & DAY						
	24-08-15 FN MONDAY	25-08-15 FN TUESDAY	26-08-15 FN WEDNESDAY	27-08-15 FN THURSDAY	28-08-15 FN FRIDAY	29-08-15 FN SATURDAY	31-08-15 FN MONDAY
<b>CIVIL ENGINEERING (01-C E)</b>	GROUND WATER DEVELOPMENT AND MANAGEMENT COM. TO CE,CEE	GIS& REMOTE SENSING COM. TO CE,CEE	PAVEMENT DESIGN	ESTIMATING & COSTING COM. TO CE,CEE	WATER RESOURCE PLANNING AND MANAGEMENT COM. TO CE,CEE	ADVANCED FOUNDATION ENGINEERING	
	ADVANCED STRUCTURAL DESIGN				FINITE ELEMENT METHODS COM. TO CE,CEE		
	ELEMENTS OF EARTHQUAKE ENGINEERING				DISASTER MANAGEMENT AND MITIGATION COM. TO CE,CEE		
	WATERSHED MANAGEMENT COM.TO CE,ACE						
<b>ELECTRICAL AND ELECTRONIS ENGINEERIG (02-E E E)</b>	SWITCHGEAR AND PROTECTION	UTILIZATION OF ELECTRICAL ENERGY	INSTRUMENTATION	POWER SYSTEM OPERATION AND CONTROL	HIGH VOLTAGE ENGINEERING	OPTIMIZATION TECHNIQUES	
					VLSI DESIGN	ELECTRICAL DISTRIBUTION SYSTEMS	
					DIGITAL CONTROL SYSTEMS COM.TO EEE,EIE	PRINCIPLES OF DIGITAL SIGNAL PROCESSING	
<b>MECHANICL ENGINEERIG (03-M E)</b>	OPERATION RESEARCH COM.TO ME,MECT,MEP ,AME,MSNT	POWER PLANT ENGINEERING COM.TO ME,MECT	CAD/CAM COM. TO ME,MEP,AE,AME,MSNT	INSTRUMENTATION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	ROBOTICS	UNCONVENTIONAL MACHINING PROCESS	CNC TECHNOLOGY COM.TO ME,MEP
					MECHANICAL VIBRATIONS COM.TOME,AME,MSNT	DESIGN FOR MANUFACTURING	
					COMPOSITE MATERIALS	AUTOMATION IN MANUFACTURING	
					MECHATRONIS COM.TO ME,AME,MSNT	COM.TO ME,MEP,MSNT	

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	24-08-15 FN MONDAY	25-08-15 FN TUESDAY	26-08-15 FN WEDNESDAY	27-08-15 FN THURSDAY	28-08-15 FN FRIDAY	29-08-15 FN SATURDAY	31-08-15 FN MONDAY
<b>ELECTRONIS AND COMMUNICATIONS ENGINEERING (04-E C E)</b>	MANAGEMENT SCIENCE COM.TO ECE,ETM,MMT	MICROWAVE ENGINEERING	OPTICAL COMMUNICATIONS COM.TO ECE,ETM	MULTIMEDIA & SIGNAL CODING COM.TO ECE,ETM	COMPUTER NETWORKS COM.TO ECE,EIE,BME,EC C,ICE	EMI/EMC COM.TO ECE,ETM	VLSI DESIGN COM.TO ECE, EIE, BME,IT, ETM,ECC,ICE
			EMBEDDED SYSTEMS COM.TO ECE,ETM			DSP PROCESSORS & ARCHITECTURE COM.TO ECE,BME,ETM	
			TELEVISION ENGINEERING			TELECOMMUNICATIONS SWITCHING SYSTEMS	
						DIGITAL IMAGE PROCESSING COM.TO ECE,ETM,ECC	
<b>COMPUTER SCIENCE AND ENGINEERING (05-C S E)</b>	DESIGN PATTERNS COM.TO CSE,ECC	INFORMATION RETRIEVAL SYSTEMS COM.TO CSE,IT	COMPUTER GRAPHICS COM.TO CSE,ECC	ADVANCED COMPUTER ARCHITECTURE	DATA WAREHOUSING AND DATA MINING	SOFTWARE TESTING METHODOLOGIES COM.TO CSE,IT	LINUX PROGRAMMING
	MACHINE LEARNING			CLOUD COMPUTING			
	SOFT COMPUTING COM.TO CSE,IT			DISTRIBUTED COMPUTING			
<b>CHEMICAL ENGINEERING (08-C H E M)</b>	TRANSPORT PHENOMENA	PROCESS DYNAMICS AND CONTROL	CHEMICAL PROCESS EQUIPMENT DESIGN	PROCESS MODELING AND SIMULATION	INDUSTRIAL SAFETY AND HAZARD MANAGEMENT	ENVIRONMENTAL BIOTECHNOLOGY	-
						POLYMER TECHNOLOGY	
						PETROLEUM AND PETRO – CHEMICAL TECHNOLOGY	

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	24-08-15 FN MONDAY	25-08-15 FN TUESDAY	26-08-15 FN WEDNESDAY	27-08-15 FN THURSDAY	28-08-15 FN FRIDAY	29-08-15 FN SATURDAY	31-08-15 FN MONDAY
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)</b>	ANALYTICAL INSTRUMENTATION	BIO-MEDICAL INSTRUMENTATION COM.TO EIE,ICE	DIGITAL SIGNAL PROCESSING	TELEMETRY & TELE CONTROL COM.TO EIE,ICE	DIGITAL CONTROL SYSTEMS COM.TO EEE,EIE	EMBEDDED & REAL TIME SYSTEMS COM.TO EIE,BME,ICE	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ETM,ECC,ICE
				OPTOELECTRONICS & LASER INSTRUMENTATION COM.TO EIE,ICE	COMPUTER NETWORKS COM.TO ECE,EIE,BME,ECC,ICE		
				ROBOTICS AND AUTOMATION			
<b>BIO-MEDICAL ENGINEERING (11-B M E)</b>	ARTIFICIAL INTELLIGENCE COM.TO BME,ECC	REHABILITATION ENGINEERING	MICROPROCESSORS AND MICROCONTROLLERS COM.TO BME,MECT,MIM	IMAGE PROCESSING AND PATTERN RECOGNITION	COMPUTER NETWORKS COM.TO ECE,EIE,BME,ECC,ICE	EMBEDDED & REAL TIME SYSTEMS COM.TO EIE,BME,ICE	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ETM,ECC,ICE
	ARTIFICIAL NEURAL NETWORKS COM.TO BME,ECC						
	TELEMEDICINE					DSP PROCESSORS & ARCHITECTURE COM.TO ECE,BME,ETM	
<b>INFORMATION TECHNOLOGY (12- I T)</b>	IMAGE PROCESSING AND PATTERN RECOGNITION	INFORMATION RETRIEVAL SYSTEMS COM.TO CSE,IT	OBJECT ORIENTED ANALYSIS AND DESIGN	MOBILE APPLICATION DEVELOPMENT	-	SOFTWARE TESTING METHODOLOGIES COM.TO CSE,IT	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ETM,ECC,ICE
	WIRELESS NETWORKS AND MOBILE COMPUTING	HUMAN COMPUTER INTERACTION					
	SOFT COMPUTING COM.TO CSE,IT	MULTIMEDIA AND RICH INTERNET APPLICATIONS					
	SEMANTIC WEB AND SOCIAL NETWORKS	SCRIPTING LANGUAGES					

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<b>MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT)</b>	OPERATION RESEARCH COM.TO ME,MECT,MEP ,AME,MSNT	POWER PLANT ENGINEERING COM.TO ME,MECT	MICROPROCESSORS AND MICROCONTROLLERS COM.TO BME,MECT,MIM	ROBOTICS AND ITS APPLICATIONS	MOTION CONTROL DESIGN	PRODUCT DESIGN AND ASSEMBLY AUTOMATION	-
		COMPUTER ORGANIZATION				RENEWABLE ENERGY SOURCE	
		FLEXIBLE MANUFACTURING SYSTEM				COMPUTATIONAL FLUID DYNAMICS COM.TO MCT,AME,MSNT, PTM,ACE	
		ADVANCED KINEMATICS AND DYNAMICS OF MACHINERY				ADVANCED DATA STRUCTURES	
<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	MANAGEMENT SCIENCE COM.TO ECE,ETM ,MMT	ADVANCED TELECOMMUNICATION TECHNOLOGIES	OPTICAL COMMUNICATIONS ECE,ETM	MULTIMEDIA & SIGNAL CODING COM.TO ECE,ETM	ELECTRONIC MEASUREMENTS & INSTRUMENTATION	EMI/EMC COM.TO ECE,ETM	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ETM,ECC,ICE
			DIGITAL CONTROL SYSTEMS			DIGITAL IMAGE PROCESSING COM.TO ECE,ETM,ECC	
			EMBEDDED SYSTEMS COM.TO ECE,ETM			DSP PROCESSORS & ARCHITECTURES COM.TO ECE,BME,ETM	
						SPREAD SPECTRUM COMMUNICATIONS	

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<b>METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)</b>	MANAGEMENT SCIENCE COM.TO ECE,ETM ,MMT	ELECTRO METALLURGY AND CORROSION	STEEL MAKING	NON DESTRUCTIVE TESTING	CREAMIC SCIENCE AND TECHNOLOGY	X – RAY METALLOGRAPHY	-
					SEMI CONDUCTORS AND MAGNETIC MATERIALS	METALLURGICAL PROBLEMS	
					EXPERIMENTAL TECHNIQUES IN METALLOGRAPHY	POLYMERIC MATERIALS	
<b>ELECTRONICS AND COMPUTER ENGINEERING (19-E C C)</b>	ARTIFICAL INTELLIGENCE COM.TO BME,ECC	WEB TECHNOLOGIES	COMPUTER GRAPHICS COM.TO CSE,ECC	MOBILE COMPUTING COM.TO CSE,ECC	COMPUTER NETWORKS COM.TO ECE,EIE,BME,ECC,ICE	DIGITAL IMAGE PROCESSING COM.TO ECE ,ETM,ECC	VLSI DESIGN COM.TO ECE, EIE,BME ,IT,ETM, ECC,ICE
	ARTIFICAL NEURAL NETWORKS COM.TO BME,ECC			DISTRIBUTED SYSTEMS			
	DESIGN PATTERNS COM.TO CSE,ECC						
<b>PRODUCTION ENGINEERING (MECHANICAL) (20 – MEP)</b>	OPERATION RESEARCH COM.TO ME,MECT,MEP ,AME,MSNT	MECHATRONIC S & ITS APPLICATIONS	CAD/CAM COM. TO ME,MEP,AE,AM E,MSNT	INSTRUMENTA TION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	UNCONVENTIONAL MACHINING PROCESS	ROBOTICS	CNC TECHNOLOGY COM.TO ME,MEP
					ADVANCED MANUFACTURING SYSTEMS	COMPUTER INTEGRATED MANUFACTURING	
					AUTOMATION IN MANUFACTURING COM.TO ME,MEP	MACHINE TOOL DESIGN	
					DESIGN FOR MANUFACTURING& ASSEMBLY		

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<b>AERONAUTICAL ENGINEERING (21-A E)</b>	AIRFRAME STRUCTURAL DESIGN	MECHANICAL VIBRATIONS AND STRUCTURAL DYNAMICS	CAD/CAM COM. TO ME,MEP,AE,AM E,MSNT	CONTROL THEORY – APPLICATION TO FLIGHT CONTROL SYSTEMS	ADVANCED COMPUTATION AL AERODYNAMIC S	SPACE MECHANICS	-
					FLIGHT SCHEDULING AND OPERATIONS	EXPERIMENTAL AERODYNAMICS	-
					MECHANISMS AND MECHANICAL DESIGN	NUMERICAL METHODS	-
					THEORY OF ELASTICITY	AIRCRAFT MAINTENANCE ENGINEERING	-
<b>INSTRUMENTATION AND CONTROL ENGINEERING (22-I C E)</b>	COMPUTER AIDED DESIGN OF CONTROL SYSTEMS	BIO-MEDICAL INSTRUMENTAT ION COM.TO EIE,ICE	DIGITAL & OPTOMAL CONTROL SYSTEMS	OPTOELECTRO NICS & LASER INSTRUMENTA TION COM.TO EIE,ICE	COMPUTER NETWORKS COM.TO ECE,EIE,BME,EC C,ICE	EMBEDDED & REAL TIME SYSTEMS COM.TO EIE,BME, ICE	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ET M,ECC,ICE
				TELEMETRY & TELE CONTROL COM.TO EIE,ICE	INSTRUMENTA TION AND CONTROL IN MANUFACTURI NG SYSTEMS		
				VIRTUAL INSTRUMENTA TION			

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<b>BIOTECHNOLOGY (23-B O T)</b>	COMPUTATIONAL MOLECULAR BIOLOGY	BIOETHICS, BIO SAFETY AND INTELLECTUAL PROPERTY RIGHTS	DOWNSTREAM PROCESSING	BIOPROCESS OPTIMIZATION AND PLANT DESIGN	CROP IMPROVEMENT	MOLECULAR PATHOGENESIS	-
					STRUCTURAL BIOLOGY	BIOPHARMAUCEU TICALS	
					CANCER BIOLOGY	INTRODUCTION TO BIO MATERIALS	
<b>AUTOMOBILE ENGG. (24 – AME)</b>	OPERATION RESEARCH COM.TO ME,MECT,MEP ,AME,MSNT	METROLOGY & SURFACE ENGINEERING	CAD/CAM COM. TO ME,MEP,AE,AM E,MSNT	INSTRUMENTATI ON AND CONTROL SYSTEMS COM.TO ME,MEP,AME	MECHATRONIS COM.TO ME,AME,MSNT	MICROPROCESSO RS AND MICROCCONTR OLLERS	-
					MECHANICAL VIBRATIONS COM.TOME,AM E,MSNT	COMPUTATION AL FLUID DYNAMICS COM.TO MCT,AME,MSNT, PTM,ACE	
					AUTOMOTIVE CHASSIS AND SUSPENSION	FINITE ELEMENT METHODS	
					AUTOMOTIVE POLLUTION AND CONTROL	VECHICLE BODY ENGINEERING AND SAFETY	
<b>MINING ENGINEERING (25 – MIE)</b>	MINERAL PROCESSING	ROCK SLOPE ENGINEERING	COMPUTER APPLICATIONS IN MINING	ROCK MECHANICS	MINE SYSTEMS ENGINEERING	MINE LEGISLATION	--
		MINE SUBSIDENCE ENGINEERING	MINE CONSTRUCTIO N ENGINEERING				
		ROCK EXCAVATION ENGINEERING	TUNNELING ENGINEERING				
		ROCK FRAGMENTATI ON ENGINEERING	STRATA CONTROL TECHNOLOGY				

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<b>MINING MACHINERY (26-MIM)</b>	MECHANICAL HANDLING TRANSPORT LOADING EQUIPMENT	METROLOGY AND MACHINE TOOLS	MICRO PROCESSORS AND MICRO CCONTROLLERS COM.TO BME, MECT,MIM	MINE ELECTRICAL ENGINEERING	AUTO MOBILE ENGINEERING	MAINTENANCE ENGINEERING	UNDER GROUND PRODUCTION EQUIPMENT
			MECHANICAL SYSTEMS DESIGN			SYSTEM MODELING AND SIMULATION	
			PRINCIPALS OF TRIBOLOGY				
<b>PETROLIUM ENGG. (27 – PTME)</b>	PIPELINE ENGINEERING	PETROLEUM REFINING& PETROCHEMIC ALS	OIL&GAS PROCESSING PLANT DESIGN	HEALTH SAFETY & ENVIRONMENT IN PETROLEUM INDUSTRY	NUMERICAL METHODS FOR MODELING & SIMULATION	COMPUTTATIONAL FLUID DYNAMICS COM.TO MCT,AME,MSNT ,PTM,ACE	
						OFFSHORE ENGINEERING	
						CHEMICAL REACTION ENGINEERING	
<b>CIVIL &amp; ENVIRONMEN TAL ENGINEERING (28-C E E)</b>	GROUND WATER DEVELOPMENT AND MANAGEMENT COM. TO CE,CEE	GIS AND REMOTE SENSING COM. TO CE,CEE	PRINCIPLES OF ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY	ESTIMATING AND COSTING COM. TO CE,CEE	WATER RESOURCES PLANNING AND MANAGEMENT COM. TO CE,CEE	AIR POLLUTION AND CONTROL	
	ENVIRONMENTAL POLLUTION OF SOIL & REMEDIATION				FINITE ELEMENT METHODS COM. TO CE,CEE		
	PRINCIPLES OF INDUSTRIAL WASTE MANAGEMENT				DISASTER MANAGEMENT AND MITIGATION COM. TO CE,CEE		
	DESIGN OF WATER SUPPLY SYSTEMS						



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<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY) (29 – MSNT)</b>	OPERATION RESEARCH COM.TO ME,MECT,MEP ,AME,MSNT	METROLOGY AND INSTRU -MENTATION	CAD/CAM COM. TO ME,MEP,AE, AME,MSNT	CARBON NANO TUBES AND THEIR APPLICATIONS	MECHANICAL VIBRATIONS COM.TOME, AME,MSNT	COMPUTTATIONAL FLUID DYNAMICS COM.TO MCT,AME,MSNT ,PTM,ACE	MEMS/NEMS DESIGN AND APPLICATIONS
					MECHATRONIS COM.TO ME,AME,MSNT		NANO SENSORS AND ACTUATORS
					AUTOMATION IN MANUFACTURING COM.TO ME,MEP,MSNT		SURFACE ENGINEERING
							MODELLING AND SIMULATION IN MATERIALS ENGINEERING
<b>AGRICULTURE ENGINEERING (30 - ACE)</b>	WATERSHED MANAGEMENT COM.TO CE,ACE	MICRO IRRIGATION ENGINEERING	FARM MACHINERY AND EQUIPMENTS -II	AGRO INDUSTRIES AND BI-PRODUCT UTILIZATION	POST HARVEST ENGINEERING FOR HORTICULTURE PRODUCE	COMPUTTATIONAL FLUID DYNAMICS COM.TO MCT,AME,MSNT ,PTM,ACE	DRYING AND STORAGE ENGINEERING
	MECHANICAL MEASUREMENTS AND INSTRU -MENTATION						MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS
							FOOD PROCESSING PLANT DESIGN AND LAYOUT

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.