

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 500 085**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH - I SEMESTER– R09- I MID TERM EXAMINATIONS, AUGUST/SEPTEMBER- 2013**

**T I M E T A B L E**  
 TIME FN: 10.00 AM TO 11.30 AM; AN: 02.00 PM TO 03.30. PM

BRANCH	DATE, TIME & DAY						
	26-08-13 FN MONDAY	26-08-13AN MONDAY	27-08-13 FN TUESDAY	27-08-13AN TUESDAY	28-08-13 FN WEDNESDAY	28-08-13 AN WEDNESDAY	30-08-13FN FRIDAY
CIVIL ENGINEERING (01-C E)	GROUND WATER DEVELOPMENT AND MANAGEMENT	GIS& REMOTE SENSING	PAVEMENT DESIGN	ESTIMATING & COSTING	WATER RESOURCE PLANNING AND MANAGEMENT	ADVANCED FOUNDATION ENGINEERING	
	ADVANCED STRUCTURAL DESIGN				FINITE ELEMENT METHODS		
	ELEMENTS OF EARTHQUAKE ENGINEERING				DISASTER MANAGEMENT AND MITIGATION		
	WATERSHED MANAGEMENT						
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	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	
MECHANICAL ENGINEERING (03-M E)	OPERATION RESEARCH COM.TO ME,MECT,MEP,AME	POWER PLANT ENGINEERING COM.TO ME,MECT	CAD/CAM COM. TO ME,MEP,AE,AME	INSTRUMENTATION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	ROBOTICS	UNCONVENTIONAL MACHINING PROCESS	CNC TECHNOLOGY COM.TO ME,MEP
					MECHANICAL VIBRATIONS COM.TOME,AME	DESIGN FOR MANUFACTURING	
					COMPOSITE MATERIALS	AUTOMATION IN MANUFACTURING	
					MECHATRONIS COM.TO ME,AME	COM.TO ME,MEP	

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	26-08-13 FN MONDAY	26-08-13AN MONDAY	27-08-13 FN TUESDAY	27-08-13AN TUESDAY	28-08-13 FN WEDNESDAY	28-08-13 AN WEDNESDAY	30-08-13FN FRIDAY
ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-ECE)	MANAGEMENT SCIENCE COM.TO ECE,ETM,MMT	MICROWAVE ENGINEERING	OPTICAL COMMUNICATI ONS 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,E TM,ECC,ICE
			EMBEDDED SYSTEMS COM.TO ECE,ETM			DSP PROCESSORS & ARCHITECTURE COM.TO ECE,BME,ETM	
			TELEVISION ENGINEERING			TELECOMMUNIC ATIONS SWITCHING SYSTEMS	
						DIGITAL IMAGE PROCESSING COM.TO ECE,ETM,ECC	
COMPUTER SCIENCE AND ENGINEERING (05-CSE)	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 METHODOLOGIE S COM.TO CSE,IT	LINUX PROGRAMMING
	MACHINE LEARNING			CLOUD COMPUTING			
	SOFT COMPUTING COM.TO CSE,IT			DISTRIBUTED COMPUTING			
				MOBILE COMPUTING COM.TO CSE,ECC			
CHEMICAL ENGINEERING (08-CHEM)	TRANSPORT PHENOMENA	PROCESS DYNAMICS AND CONTROL	CHEMICAL PROCESS EQUIPMENT DESIGN	PROCESS MODELING AND SIMULATION	INDUSTRIAL SAFETY AND HAZARD MANAGEMENT	ENVIRONMENTA L BIOTECHNOLOG Y	-
						POLYMER TECHNOLOGY	
						PETROLEUM AND PETRO – CHEMICAL TECHNOLOGY	

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	26-08-13 FN MONDAY	26-08-13AN MONDAY	27-08-13 FN TUESDAY	27-08-13AN TUESDAY	28-08-13 FN WEDNESDAY	28-08-13 AN WEDNESDAY	30-08-13FN FRIDAY
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E1E)	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,E TM,ECC,ICE
				OPTOELECTRO NICS & LASER INSTRUMENTA TION COM.TO EIE,ICE	COMPUTER NETWORKS COM.TO ECE,EIE,BME,EC C,ICE		
				ROBOTICS AND AUTOMATION			
BIO-MEDICAL ENGINEERING (11-BME)	ARTIFICIAL INTELLIGENCE COM.TO BME,ECC	REHABILITATIO N ENGINEERING	MICROPROCESS ORS AND MICROCONTR OLLERS COM.TO BME,MECT	IMAGE PROCESSING AND PATTERN RECOGNITION	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,E TM,ECC,ICE
	ARTIFICIAL NEURAL NETWORKS COM.TO BME,ECC						
	TELEMEDICINE					DSP PROCESSORS & ARCHITECTURE COM.TO ECE,BME,ETM	
INFORMATION TECHNOLOGY (12-IT)	IMAGE PROCESSING AND PATTERN RECOGNITION	INFORMATION RETRIEVAL SYSTEMS COM.TO CSE,IT	OBJECT ORIENTED ANALYSIS AND DESIGN	MOBILE APPLICATION DEVELOPMENT	-	SOFTWARE TESTING METHODOLOGIE S COM.TO CSE,IT	VLSI DESIGN COM.TO ECE,EIE,BME,IT,E TM,ECC,ICE
	WIRELESS NETWORKS AND MOBILE COMPUTING	HUMAN COMPUTER INTERAACTION					
	SOFT COMPUTING COM.TO CSE,IT	MULTIMEDIA AND RICH INTERNET APPLICATIONS					
	SEMANTIC WEB AND SOCIAL NETWORKS	SCRIPTING LANGUAGES					

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	26-08-13 FN MONDAY	26-08-13AN MONDAY	27-08-13 FN TUESDAY	27-08-13AN TUESDAY	28-08-13 FN WEDNESDAY	28-08-13 AN WEDNESDAY	30-08-13FN FRIDAY
MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT)	OPERATION RESEARCH COM.TO ME,MECT,MEP,AME	POWER PLANT ENGINEERING COM.TO ME,MECT	MICROPROCESS ORS AND MICROCONTR OLLERS COM.TO BME,MECT	ROBOTICS AND ITS APPLICATIONS	MOTION CONTROL DESIGN	PRODUCT DESIGN AND ASSEMBLY AUTOMATION	
		COMPUTER ORGANIZATION				RENEWABLE ENERGY SOURCE	
		FLEXIBLE MANUFACTURI NG SYSTEM				COMPUTATION AL FLUID DYNAMICS COM.TO MCT,AME	
		ADVANCED KINEMATICS AND DYNAMICS OF MACHINERY				ADVANCED DATA STRUCTURES	
ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)	MANAGEMENT SCIENCE COM.TO ECE,ETM,MMT	ADVANCED TELECOMMUNI CATION TECHNOLOGIES	OPTICAL COMMUNICATI ONS ECE,ETM	MULTIMEDIA & SIGNAL CODING COM.TO ECE,ETM	ELECTRONIC MEASUREMENT S & INSTRUMENTA TION	EMI/EMC COM.TO ECE,ETM	VLSI DESIGN COM.TO ECE,EIE,BME,IT,ETM,ECC,ICE
			DIGITAL CONTROL SYSTEMS			DSP PROCESSORS & ARCHITECTURES COM.TO ECE,BME,ETM	
			EMBEDDED SYSTEMS COM.TO ECE,ETM			SPREAD SPECTRUM COMMUNICATIO NS	

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BRANCH	DATE, TIME & DAY						
	26-08-13 FN MONDAY	26-08-13AN MONDAY	27-08-13 FN TUESDAY	27-08-13AN TUESDAY	28-08-13 FN WEDNESDAY	28-08-13 AN WEDNESDAY	30-08-13FN FRIDAY
METALLURGY AND MATERIAL TECHNOLOGY (18-MMT)	MANAGEMENT SCIENCE COM.TO ECE,ETM,MMT	ELECTRO METALLURGY AND CORROSION	STEEL MAKING	NON DESTRUCTIVE TESTING	CREAMIC SCIENCE AND TECHNOLOGY	X – RAY METALLOGRAPH Y	-
						METALLURGICA L PROBLEMS	
					SEMI CONDUCTORS AND MAGNETIC MATERIALS	POLYMERIC MATERIALS	
					EXPERIMENTA L TECHNIQUES IN METALLOGRAP HY		
ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)	ARTIFICIAL INTELLIGENCE COM.TO BME,ECC	WEB TECHNOLGIES	COMPUTER GRAPHICS COM.TO CSE,ECC	MOBILE COMPUTING COM.TO CSE,ECC	COMPUTER NETWORKS COM.TO ECE,EIE,BME,EC C,ICE	DIGITAL IMAGE PROCESSING COM.TO ECE,ETM,ECC	VLSI DESIGN COM.TO ECE,EIE,BME,IT,E TM,ECC,ICE
	ARTIFICIAL NEURAL NETWORKS COM.TO BME,ECC						
	DESIGN PATTERNS COM.TO CSE,ECC			DISTRIBUTED SYSTEMS			
PRODUCTION ENGINEERING (MECHANICAL) (20 – MEP)	OPERATION RESEARCH COM.TO ME,MECT,MEP,AME	MECHATRONICS & ITS APPLICATIONS	CAD/CAM COM. TO ME,MEP,AE,AME	INSTRUMENTA TION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	UNCONVENTIO NAL MACHINING PROCESS	ROBOTICS	CNC TECHNOLOGY COM.TO ME,MEP
					ADVANCED MANUFACTURI NG SYSTEMS	COMPUTER INTEGRATED MANUFACTURIN G	
					AUTOMATION IN MANUFACTURI NG COM.TO ME,MEP	MACHINE TOOL DESIGN	
					DESIGN FOR MANUFACTURI NG & ASSEMBLY		

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AERONAUTICAL ENGINEERING (21-A E)	AIRFRAME STRUCTURAL DESIGN	MECHANICAL VIBRATIONS AND STRUCTURAL DYNAMICS	CAD/CAM COM. TO ME,MEP,AE,AM E	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	-
INSTRUMENTATION AND CONTROL ENGINEERING (22-I C E)	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,E TM,ECC,ICE
				TELEMETRY & TELE CONTROL COM.TO EIE,ICE	INSTRUMENTA TION AND CONTROL IN MANUFACTURI NG SYSTEMS		
				VIRTUAL INSTRUMENTA TION			

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BIOTECHNOLOGY (23-BOT)	COMPUTATIONAL MOLECULAR BIOLOGY	BIOETHICS, BIO SAFETY AND INTELLECTUAL PROPERTY RIGHTS	DOWNSTREAM PROCESSING	BIOPROCESS OPTIMIZATION AND PLANT DESIGN	CROP IMPROVEMENT	MOLECULAR PATHOGENESIS	-
					STRUCTURAL BIOLOGY	BIOPHARMACEUTICALS	
					CANCER BIOLOGY	INTRODUCTION TO BIO MATERIALS	
AUTOMOBILE ENGG. (24 - AME)	OPERATION RESEARCH COM.TO ME,MECT,MEP,AME	METROLOGY & SURFACE ENGINEERING	CAD/CAM COM. TO ME,MEP,AE,AME	INSTRUMENTATION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	MECHATRONIS COM.TO ME,AME	MICROPROCESSORS AND MICROCONTROLLERS	-
					MECHANICAL VIBRATIONS COM.TOME,AME	COMPUTTATIONAL FLUID DYNAMICS COM.TO MCT,AME	
					AUTOMOTIVE CHASSIS AND SUSPENSION	FINITE ELEMENT METHODS	
					AUTOMOTIVE POLLUTION AND CONTROL	VECHICLE BODY ENGINEERING AND SAFETY	
MINING ENGINEERING (25 - MIE)	MINERAL PROCESSING	ROCK SLOPE ENGINEERING	COMPUTER APPLICATIONS IN MINING	ROCK MECHANICS	MINE SYSTEMS ENGINEERING	MINE LEGISLATION	--
		MINE SUBSIDENCE ENGINEERING	MINE CONSTRUCTION ENGINEERING				
		ROCK EXCAVATION ENGINEERING	TUNNELING ENGINEERING				
		ROCK FRAGMENTATION ENGINEERING	STRATA CONTROL TECHNOLOGY				

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MINING MACHINERY (26-MIM)	MECHANICAL HANDLING TRANSPORT LOADING EQUIPMENT	PRINCIPLES OF TRIBOLOGY	UNDERGROUN D PRODUCTION EQUIPMENT	MINE ELECTRICAL ENGINEERING	AUTOMOBILE ENGINEERING	METROLOGY AND MACHINE TOOLS	--
		MECHANICAL SYSTEMS DESIGN	MAINTENANCE ENGINEERING				
		MICROPROCESS ORS AND MICROCONTR OLLERS	SYSTEM MODELING AND SIMULATION				

- (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.

DATE: 19-08-2013

Sd/-XXXX  
CONTROLLER OF EXAMINATIONS