

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 500 085**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH - I SEMESTER– R09 REGULATION- SUPPLEMENTARY EXAMINATIONS, MAY/JUNE, 2013**  
**T I M E T A B L E**

TIME: 02.00 PM TO 05.00 PM

BRANCH	DATE, TIME & DAY						
	30-05-13 THURSDAY	01-06-13 SATURDAY	05-06-13 WEDNESDAY	11-06-13 TUESDAY	13-06-13 THURSDAY	15-06-13 SATURDAY	18-06-13 TUESDAY
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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	30-05-13 THURSDAY	01-06-13 SATURDAY	05-06-13 WEDNESDAY	11-06-13 TUESDAY	13-06-13 THURSDAY	15-06-13 SATURDAY	18-06-13 TUESDAY
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	EM/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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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,ETM,ECC,ICE
				OPTOELECTRONICS & LASER INSTRUMENTATION COM.TO EIE,ICE	COMPUTER NETWORKS COM.TO ECE,EIE,BME,ECC,ICE		
				ROBOTICS AND AUTOMATION			
BIO-MEDICAL ENGINEERING (11-BME)	ARTIFICIAL INTELLIGENCE COM.TO BME,ECC	REHABILITATION ENGINEERING	MICROPROCESSORS AND MICROCONTROLLERS COM.TO BME,MECT	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					DSP PROCESSORS & ARCHITECTURE COM.TO ECE,BME,ETM	
	TELEMEDICINE						
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 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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	30-05-13 THURSDAY	01-06-13 SATURDAY	05-06-13 WEDNESDAY	11-06-13 TUESDAY	13-06-13 THURSDAY	15-06-13 SATURDAY	18-06-13 TUESDAY
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-E T M)	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,E TM,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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METALLURGY AND MATERIAL TECHNOLOGY (18-M.M.T)	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-E.C.C)	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			

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	30-05-13 THURSDAY	01-06-13 SATURDAY	05-06-13 WEDNESDAY	11-06-13 TUESDAY	13-06-13 THURSDAY	15-06-13 SATURDAY	18-06-13 TUESDAY
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 (22-1 C E)	COMPUTER AIDED DESIGN OF CONTROL SYSTEMS	BIO-MEDICAL INSTRUMENTATION 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.TOEIE,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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	30-05-13 THURSDAY	01-06-13 SATURDAY	05-06-13 WEDNESDAY	11-06-13 TUESDAY	13-06-13 THURSDAY	15-06-13 SATURDAY	18-06-13 TUESDAY
BIOTECHNOLOGY (23-B O T)	COMPUTATIONA L MOLECULAR BIOLOGY	BIOETHICS, BIO SAFETY AND INTELLECTUAL PROPERTY RIGHTS	DOWNSTREAM PROCESSING	BIOPROCESS OPTIMIZATION AND PLANT DESIGN	CROP IMPROVEMENT	MOLECULAR PATHOGENESIS	-
					STRUCTURAL BIOLOGY	BIOPHARMACEU TICALS	
					CANCER BIOLOGY	INTRODUCTION TO BIO MATERIALS	
AUTOMOBILE ENGG. (24 – AME)	OPERATION RESEARCH COM.TO ME,MECT,MEP,A ME	METROLOGY & SURFACE ENGINEERING	CAD/CAM COM. TO ME,MEP,AE,AM E	INSTRUMENTA TION AND CONTROL SYSTEMS COM.TO ME,MEP,AME	MECHATRONIS COM.TO ME,AME	MICROPROCESSO RS AND MICROCONTROL LERS	-
					MECHANICAL VIBRATIONS COM.TOME,AM E	COMPUTTATION AL FLUID DYNAMICS COM.TO MCT,AME	
					AUTOMOTIVE CHASSIS AND SUSPENSION	FINITE ELEMENT METHODS	
					AUTOMOTIVE POLLUTION AND CONTROL	VECHICLE BODY ENGINEERING AND SAFETY	

**TIME TABLE FOR SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS OF R09 REGULATIONS**

DATE OF EXAMINATION: 14-06-13 (FRIDAY)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	THE SUBJECT(S) OF RR & R05 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF RR REGULATIONS	SUBSTITUTE SUBJECT(S) FOR THE RE-ADMITTED STUDENTS OF RR REGULATIONS
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	SWITCHGEAR & PROTECTION	POWER SEMICONDUCTOR DRIVES EEE III YEAR II SEM R09
MECHANICAL ENGINEERING (03-M E)	CAD/CAM	NONCONVENTIONAL SOURCES OF ENERGY ME IV YEAR I SEM R07
ELECTRONICS AND COMMN. ENGINEERING (04-E C E)	MANAGEMENT SCIENCE	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION ECE III YEAR I SEM R09
		OPERATING SYSTEMS CSE III YEAR I SEM R09
COMPUTER SCIENCE AND ENGINEERING (05-C S E)	COMPUTER GRAPHICS	OPERATING SYSTEMS CSE III YEAR I SEM R09 OR NETWORK SECURITY CSE III YEAR II SEM R09
		NETWORK PROGRAMMING CSE IV YEAR I SEM R07
		DATA COMMUNICATION SYSTEMS CSE III YEAR I SEM R07
		VLSI DESIGN CSE III YEAR II SEM R09
INFORMATION TECHNOLOGY (12- I T)	SOFTWARE TESTING METHODS	PRINCIPLES OF PROGRAMMING LANGUAGES CSE III YEAR I SEM R09
AERONAUTICAL ENGINEERING (21-A E)	MECHANISM & MECHANICAL DESIGN	ANY OTHER SUBJECT IN ELECTIVE – 1 ME IV YEAR I SEM R09



**TIME TABLE FOR SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS OF R09 REGULATIONS**

DATE OF EXAMINATION: 19-06-13 (WEDNESDAY)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	THE SUBJECT(S) OF RR & R05 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF RR REGULATIONS	SUBSTITUTE SUBJECT(S) FOR THE RE-ADMITTED STUDENTS OF RR REGULATIONS
ELECTRONICS AND COMMN. ENGINEERING (04-E C E)	MICROWAVE ENGINEERING	NETWORK SECURITY CSE III YEAR II SEM R09
		DATABASE MANAGEMENT SYSTEMS ECE IV YEAR I SEM R07
INFORMATION TECHNOLOGY (12-IT)	HUMAN COMPUTER INTERACTION	ANY OTHER SUBJECT IN ELECTIVE II CSE IV YEAR I SEM R09

**TIME TABLE FOR SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS OF R09 REGULATIONS**

DATE OF EXAMINATION: 20-06-13 (THURSDAY)		TIME OF EXAMINATION: : 02.00 PM TO 05.00 PM
BRANCH	THE SUBJECT(S) OF RR & R05 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF RR REGULATIONS	SUBSTITUTE SUBJECT(S) FOR THE RE-ADMITTED STUDENTS OF RR REGULATIONS
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	INSRUMENTATION	COMPUTER METHODS IN POWER SYSTEMS EEE III YEAR II SEM R09
ELECTRONICS AND COMMN. ENGINEERING (04-E C E)	VLSI DESIGN	OPERATING SYSTEMS CSE III YEAR I SEM R09
		ELECTRONIC MEASUREMENTS AND INSTRUMENTATION ECE III YEAR I SEM R09
COMPUTER SCIENCE AND ENGINEERING (05-C S E)	SOFTWARE TESTING METHODS	WEB TECHNOLOGIES CSE III YEAR II SEM R09
		COMPUTER NETWORKS CSE III YEAR II SEM R07
INFORMATION TECHNOLOGY (12-IT)	OBJECT ORIENTED ANALYSIS AND DESIGN	DESIGN AND ANALYSIS OF ALGORITHMS IT II YEAR II SEM R09 OR NETWORK SECURITY CSE III YEAR II SEM R09

NOTE:

- 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. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 18-04-13**

Sd/-xxxxx  
**CONTROLLER OF EXAMINATIONS**