

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH


M.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS APRIL 2015

**T I M E T A B L E**

**T I M E : 2.00 PM TO 5:00 PM**

COURSE	06-04-2015 MONDAY	08-04-2015 WEDNESDAY	10-04-2015 FRIDAY	13-04-2015 MONDAY	15-04-2015 WEDNESDAY	17-04-2015 FRIDAY	18-04-2015 SATURDAY	20-04-2015 MONDAY	21-04-2015 TUESDAY
BIOTECHNOLOGY-03	BIOREACTOR ENGINEERING	GENETIC ENGINEERING	DOWNSTREAM PROCESSING	ELECTIVE III/IV/V ENVIRONMENTAL BIOTECHNOLOGY	ELECTIVE III/IV/V ADVANCED IMMUNOLOGY AND IMMUNOTECHNOLOGY	ELECTIVE III/IV/V PLANT BIOTECHNOLOGY	ELECTIVE III/IV/V BIOINFORMATICS	ELECTIVE III/IV/V ADVANCED ANIMAL CELL SCIENCE AND TECHNOLOGY	ELECTIVE III/IV/V NANO BIOTECHNOLOGY AND NANO DEVICES
CAD/CAM-04	DESIGN OF HYDRAULICS AND PNEUMATICS SYSTEMS	FLEXIBLE MANUFACTURING SYSTEMS	COMPUTER AIDED MANUFACTURING	ELECTIVE III PRODCUTION AND OPERATIONS MANAGEMENT	ELECTIVE III COMPUTATIONAL FLUID DYNAMICS AUTOMATION IN MANUFACTURING	ELECTIVE IV COMPUTER AIDED PROCESS PLANNING INTELLIGENT MANUFACTURING SYSTEMS DESIGN OPTIMIZATION	INDUSTRIAL ROBOTICS		
COMPUTER SCIENCE-05	DISTRIBUTED COMPUTING	DISTRIBUTED DATABASES	ELECTIVE III WEB SERVICES INFORMATION RETRIEVAL SYSTEMS SEMANTIC WEB AND SOCIAL NETWORKS	ELECTIVE IV STORAGE AREA NETWORKS INFORMATION SECURITY WIRELESS NETWORKS AND MOBILE COMPUTING	ADVANCED COMPILER DESIGN	ADVANCED COMPUTER NETWORKS			
DIGITAL SYSTEM & COMPUTER ELECTRONICS-06	ADVANCED COMPUTER ARCHITECTURE	ELECTIVE III NETWORK SECURITY & CRYPTOGRAPHY ROBOTICS SYSTEM CHIP ARCHITECTURE	EMBEDDED REAL TIME OPERATING SYSTEMS	DESIGN OF FAULT TOLERANT SYSTEMS	LOW POWER VLSI DESIGN	ELECTIVE IV CMOS ANALOG & MIXED SIGNAL DESIGN ARTIFICIAL INTELLIGENCE DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES			
ELECTRICAL POWER SYSTEM-07	ADVANCED POWER SYSTEM PROTECTION	HIGH VOLTAGE DC TRANSMISSION	POWER SYSTEM RELIABILITY	ELECTIVE III PROGRAMMABLE LOGIC CONTROLLERS AND THEIR APPLICATIONS ADVANCED DIGITAL SIGNAL PROCESSING EXTRA HIGH VOLTAGE TRANSMISSION	ELECTIVE IV EMBEDDED SYSTEMS POWER QUALITY NEURAL AND FUZZY SYSTEMS	POWER SYSTEM CONTROL AND STABILITY			

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ENVIRONMENTAL ENGINEERING~11	AIR POLLUTION AND CONTROL	INDUSTRIAL WASTE WATER TREATMENT	SOLID WASTE MANAGEMENT	ENVIRONMENTAL IMPACT ASSESSMENT	ELECTIVE III	ELECTIVE IV			
					GROUND WATER CONTAMINATION AND REMEDATION	ENVIRONMENTAL BIOTECHNOLOGY			
					DISASTER MANAGEMENT	REMOTE SENSING AND GIS			
					WATER QUALITY MODELING	ENVIRONMENTAL GEOTECHNOLOGY			
INDUSTRIAL ENGINEERING AND MANAGEMENT~13	SIMULATION MODELING OF MANUFACTURING SYSTEM	SUPPLY CHAIN MANAGEMENT	RELIABILITY ENGINEERING AND MAINTENANCE MANAGEMENT	PRODUCTION AND OPERATIONS MANAGEMENT	ELECTIVE III	ELECTIVE IV			
					ENTERPRISE RESOURCE PLANNING	MARKETING MANAGEMENT			
					TOTAL QUALITY MANAGEMENT	ENERGY MANAGEMENT			
MACHINE DESIGN~15	ADVANCED MECHANICS	MECHANICAL VIBRATIONS	ADVANCED OPTIMIZATION TECHNIQUES	EXPERIMENTAL STRESS ANALYSIS	ELECTIVE IV	ELECTIVE III			
					MECHATRONICS	NON LINEAR VIBRATIONS			
					COMPUTATIONAL FLUID DYNAMICS	DESIGN SYNTHESIS			
					THEORY OF PLATES AND SHELLS	ROBOTICS			
					SIGNAL ANALYSIS AND CONDITION MONITORING	PRESSURE VESSEL DESIGN			
PRODUCTION ENGINEERING~16	ADVANCED METAL FORMING	RAPID PROTOTYPING TECHNOLOGIES	OPTIMIZATION TECHNIQUES AND APPLICATIONS	AUTOMATION IN MANUFACTURING	ELECTIVE IV	ELECTIVE III			
					MECHATRONICS	INTELLIGENT MANUFACTURING SYSTEMS			
					DESIGN FOR MANUFACTURE & ASSEMBLY	FINITE ELEMENT TECHNIQUES			
					INDUSTRIAL ROBOTICS	DESIGN AND MANUFACTURE OF MEMS & MICROSYSTEMS			
STRUCTURAL ENGINEERING~20	FINITE ELEMENT METHODS	STRUCTURAL DYNAMICS	ANALYSIS AND DESIGN OF SHELLS AND FOLDED PLATES	ADVANCED STEEL DESIGN	ELECTIVE III	ELECTIVE IV			
					COMPUTER AIDED DESIGN IN STRUCTURAL ENGINEERING (CAD)	EARTHQUAKE RESISTANT DESIGN OF BUILDINGS			
					PRE STRESSED CONCRETE	STABILITY OF STRUCTURES			
					ADVANCED FOUNDATION ENGINEERING	PLASTIC ANALYSIS AND DESIGN			
						PRINCIPLES OF BRIDGE ENGINEERING			

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THERMAL ENGINEERING-21	FUELS COMBUSTION & ENVIRONMENT	ENERGY MANAGEMENT	FINITE ELEMENT ANALYSIS	COMPUTATIONAL FLUID DYNAMICS	ELECTIVE IV REFRIGERATION & AIRCONDITIONING THERMAL MEASUREMENTS AND PROCESS CONTROLS JET PROPULSION & ROCKETRY	ELECTIVE III EQUIPMENT DESIGN FOR THERMAL SYSTEMS THERMAL & NUCLEAR POWER PLANTS CONVECTIVE HEAT TRANSFER			
SOFTWARE ENGINEERING-25	DISTRIBUTED COMPUTING	ELECTIVE IV INTRODUCTION TO NEURAL NETWORKS SPEECH PROCESSING IMAGE PROCESSING AND PATTERN RECOGNITION	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	SERVICE ORIENTED ARCHITECTURE	SOFTWARE QUALITY ASSURANCE AND TESTING	ELECTIVE III MULTIMEDIA AND RICH INTERNET DEVELOPMENT SCRIPTING LANGUAGES SEMANTIC WEB AND SOCIAL NETWORKS			
MICRO WAVE AND RADAR ENGINEERING-30	MICROWAVE NETWORKS	MICROWAVE SOLID STATE DEVICES	ELECTIVE III OPTICAL COMMUNICATION TECHNOLOGY RF CIRCUIT DESIGN SOFTWARE RADIO	PHASED ARRAY SYSTEMS	RADAR SIGNAL PROCESSING	ELECTIVE IV MICRO CONTROLLERS FOR EMBEDDED SYSTEMS DESIGN SMART ANTENNAS WIRELESS COMMUNICATION AND NETWORKS			
ADVANCED MANUFACTURING SYSTEMS-33	SIMULATION MODELING OF MANUFACTURING SYSTEM	QUALITY ENGINEERING IN MANUFACTURING	COMPUTER AIDED MANUFACTURING	PRODUCTION AND OPERATION MANAGEMENT	ELECTIVE IV INTELLIGENT MANUFACTURING SYSTEMS COMPUTATIONAL FLUID DYNAMICS PERFORMANCE MODELING AND ANALYSIS OF MANUFACTURING SYSTEMS	ELECTIVE III DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS TOOL DESIGN INDUSTRIAL ROBOTICS			

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COMPUTER AND COMMUNICATION ENGINEERING-36	CODING THEORY AND TECHNIQUES	WIRELESS COMMUNICATIONS & NETWORKS	ELECTIVE IV TELECOMMUNICATION SWITCHING & NETWORKS OPTICAL COMMUNICATIONS TECHNOLOGY DATA BASE MANAGEMENT SYSTEMS	ADVANCED COMPUTER NETWORKS	ELECTIVE III ADVANCED COMPUTER ARCHITECTURE MOBILE COMPUTING TECHNOLOGIES OPTICAL NETWORKS	NETWORK SECURITY & CRYPTOGRAPHY			
CONTROL ENGINEERING-37	OPTIMAL CONTROL THEORY	NONLINEAR SYSTEMS	PROCESS DYNAMICS & CONTROL	COMPUTER AIDED VLSI DESIGN	ELECTIVE IV NEURAL NETWORKS & FUZZY SYSTEMS INTELLIGENT & KNOWLEDGE BASED SYSTEMS REAL TIME SYSTEMS	ELECTIVE III RELIABILITY ENGINEERING ADAPTIVE AND LEARNING CONTROL CONTROL SYSTEM DESIGN			
DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS/ENGG-38	CODING THEORY AND TECHNIQUES	WIRELESS COMMUNICATIONS & NETWORKS	OPTICAL COMMUNICATIONS TECHNOLOGY	IMAGE & VIDEO PROCESSING	ELECTIVE III OPTICAL NETWORKS LOW POWER VLSI DESIGN RADAR SIGNAL PROCESSING	ELECTIVE IV NETWORK SECURITY & CRYPTOGRAPHY DESIGN FOR TESTABILITY DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES			
INFORMATION TECHNOLOGY-40	NETWORK PROGRAMMING	ADHOC AND SENSOR NETWORKS	WEB SERVICES	INFORMATION SECURITY	ELECTIVE IV DISTRIBUTED SYSTEMS SOFTWARE ARCHITECTURE & DESIGN PATTERNS SOFTWARE QUALITY ASSURANCE AND TESTING INTERNETWORKING WITH TCP / IP	ELECTIVE III MOBILE COMPUTING NETWORK MANAGEMENT SYSTEMS WIRELESS SECURITY ADVANCED COMPUTER ARCHITECTURE			
POWER AND INDUSTRIAL DRIVES-42	POWER ELECTRONIC CONTROL OF AC DRIVES	DYNAMICS OF ELECTRIC MACHINES	ELECTIVE IV ENTERPRISE RESOURCE PLANNING ADVANCED DIGITAL SIGNAL PROCESSING PROGRAMMABLE LOGIC CONTROLLERS AND THEIR APPLICATIONS	FLEXIBLE AC TRANSMISSION SYSTEMS (FACTS)	ELECTIVE III POWER QUALITY EMBEDDED SYSTEMS RELIABILITY ENGINEERING	HIGH VOLTAGE DC TRANSMISSION			

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POWER ELECTRONICS-43	POWER ELECTRONIC CONTROL OF AC DRIVES	NEURAL AND FUZZY SYSTEMS	MICROPROCESSOR AND MICROCONTROLLER	FLEXIBLE AC TRANSMISSION SYSTEMS (FACTS)	ELECTIVE III	ELECTIVE IV			
					POWER QUALITY	RELIABILITY ENGINEERING			
					ADVANCED DIGITAL SIGNAL PROCESSING	ENTERPRISE RESOURCE PLANNING			
					DIGITAL CONTROL SYSTEMS	EMBEDDED SYSTEMS			
SYSTEMS & SIGNAL PROCESSING-45	CODING THEORY AND TECHNIQUES	ELECTIVE III	ADAPTIVE SIGNAL PROCESSING	IMAGE AND VIDEO PROCESSING	SPEECH PROCESSING	ELECTIVE IV			
		WIRELESS COMMUNICATION & NETWORKS				DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES			
GEO-INFORMATICS & SURVEYING TECHNOLOGY-47	DIGITAL PHOTOGRAMETRY	GIS ANALYSIS AND APPLICATIONS	REMOTE SENSING APPLICATIONS	GNSS SURVEYING	GIS PROJECT PLANNING & MANAGEMENT	ELECTIVE II			
						ADVANCED GEO SPATIAL TECHNOLOGY			
						DIGITAL IMAGE PROCESSING - II			
						REMOTE SENSING AND GIS FOR URBAN PLANNING AND MANAGEMENT			
ELECTRICAL POWER ENGINEERING-49	ADVANCED POWER SYSTEM PROTECTION	NEURAL AND FUZZY SYSTEMS	ELECTIVE III	FLEXIBLE AC TRANSMISSION SYSTEMS	POWER QUALITY	ELECTIVE IV			
			DIGITAL CONTROL SYSTEMS			RELIABILITY ENGINEERING			
			DISTRIBUTION AUTOMATION			POWER SYSTEM OPERATION AND CONTROL			
			DIGITAL SIGNAL PROCESSING			ENTERPRISE RESOURCE PLANNING			
CHEMICAL ENGINEERING-51	ADVANCED SEPERATION PROCESSES	ADVANCED PROCESS CONTROL	ADVANCED MATHEMATICS IN CHEMICAL ENGINEERING	ELECTIVE III	PROCESS SYSTEMS ENGINEERING	ELECTIVE IV			
				COMPUTATIONAL FLUID DYNAMICS	APPLIED NUMERICAL METHODS				
				INDUSTRIAL MICROBIAL PRODUCTS	OPTIMIZATION TECHNIQUES IN CHEMICAL ENGINEERING				
				ADVANCED CHEMICAL ENGINEERING PLANT DESIGN	ENERGY CONSERVATION IN CHEMICAL PROCESS INDUSTRIES				
						MEMBRANE TECHNOLOGY			
						ENVIRONMENTAL IMPACT ASSESSMENT			

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DESIGN FOR MANUFACTURING-52	DESIGN OF HYDRAULICS AND PNEUMATICS SYSTEMS	TOTAL QUALITY MANAGEMENT	COMPUTER AIDED MANUFACTURING	ELECTIVE III PRODUCTION AND OPERATION MANAGEMENT TOOL DESIGN INDUSTRIAL ROBOTICS	ELECTIVE IV COMPUTATIONAL FLUID DYNAMICS PERFORMANCE MODELING AND ANALYSIS OF MANUFACTURING SYSTEMS AUTOMATION IN MANUFACTURING	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS			
POWER SYSTEM CONTROL AND AUTOMATION-53	FLEXIBLE AC TRANSMISSION SYSTEMS	POWER SYSTEM CONTROL AND STABILITY	NEURAL AND FUZZY SYSTEMS	ELECTIVE II OPERATION RESEARCH EMBEDDED SYSTEMS POWER QUALITY	REAL TIME CONTROL OF POWER SYSTEMS	EXTRA HIGH VOLTAGE TRANSMISSION			
POWER ELECTRONICS AND ELECTRIC DRIVES-54	POWER ELECTRONIC CONTROL OF AC DRIVES	DYNAMICS OF ELECTRIC MACHINES	ELECTIVE IV PROGRAMMABLE LOGIC CONTROLLERS AND THEIR APPLICATIONS ADVANCED DIGITAL SIGNAL PROCESSING ENTERPRISE RESOURCE PLANNING	FLEXIBLE AC TRANSMISSION SYSTEMS (FACTS)	ELECTIVE III EMBEDDED SYSTEMS POWER QUALITY RELIABILITY ENGINEERING	HIGH VOLTAGE DC TRANSMISSION			
EMBEDDED SYSTEMS-55	CPLD & FPGA ARCHITECTURES AND APPLICATIONS	HARDWARE SOFTWARE CODESIGN	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES	SYSTEM MODELING AND SIMULATION ADVANCED COMPUTER NETWORKS(SUBSTITUTE THEORY)	ELECTIVE III LOW POWER VLSI DESIGN ADHOC WIRELESS & SENSOR NETWORKS ROBOTICS	ELECTIVE IV IMAGE & VIDEO PROCESSING NETWORK SECURITY & CRYPTOGRAPHY SYSTEM ON CHIP ARCHITECTURE			
POWER SYSTEM (HIGH VOLTAGE)-56	ELECTIVE III POWER SYSTEM OPERATION AND CONTROL POWER SYSTEM DYNAMICS AND STABILITY	PARTIAL DISCHARGE IN HIGH VOLTAGE EQUIPMENT	SURGE PHENOMENA AND INSULATION COORDINATION	ELECTIVE IV FLEXIBILITY AC TRANSMISSION SYSTEMS COLLISION PHENOMENA AND PLASMA ELECTRONICS VOLTAGE STABILITY	POWER SYSTEM PROTECTION WITH STATIC RELAYS	HIGH VOLTAGE TESTING TECHNIQUES			

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VLSI SYSTEM DESIGN / VLSI DESIGN-57	CMOS ANALOG & MIXED SIGNAL DESIGN	SYSTEM ON CHIP ARCHITECTURE	EMBEDDED REAL TIME OPERATING SYSTEMS	DESIGN OF FAULT TOLERANT SYSTEMS	ELECTIVE IV SYSTEM MODELING AND SIMULATION SEMICONDUCTOR MEMORY DESIGN & TESTING LOW POWER VLSI DESIGN	ELECTIVE III DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES IMAGE & VIDEO PROCESSING VLSI SIGNAL PROCESSING			
COMPUTER SCIENCE ENGINEERING-58	DISTRIBUTED COMPUTING	DISTRIBUTED DATABASES	ELECTIVE III INFORMATION RETRIEVAL SYSTEMS SEMANTIC WEB AND SOCIAL NETWORKS WEB SERVICES	ELECTIVE IV WIRELESS NETWORKS AND MOBILE COMPUTING STORAGE AREA NETWORKS INFORMATION SECURITY	ADVANCED COMPUTER ARCHITECTURE	ADVANCED COMPUTER NETWORKS			
COMMUNICATION SYSTEMS-61	CODING THEORY AND TECHNIQUES	WIRELESS COMMUNICATIONS & NETWORKS	OPTICAL COMMUNICATIONS TECHNOLOGY	TELECOMMUNICATION SWITCHING & NETWORKS	ELECTIVE III OPTICAL NETWORKS ADHOC WIRELESS & SENSOR NETWORKS MOBILE COMPUTING TECHNOLOGIES	ELECTIVE IV PROPAGATION MODELS FOR WIRELESS COMMUNICATIONS NETWORK SECURITY & CRYPTOGRAPHY SOFTWARE RADIO			
WEB TECHNOLOGIES-62	SCRIPTING LANGUAGES	WEB SERVICES	ELECTIVE III MULTIMEDIA AND RICH INTERNET APPLICATIONS CLOUD COMPUTING WEB DATA MINING	GRID COMPUTING	ELECTIVE IV SOFTWARE PROCESS AND PROJECT MANAGEMENT SOFTWARE QUALITY ASSURANCE AND TESTING SOFTWARE ARCHITECTURE & DESIGN PATTERNS	SEMANTIC WEB AND SOCIAL NETWORKS			
IMAGE PROCESSING-63	NEURAL NETWORKS	REMOTE SENSING & GIS	ROBOTICS AND MACHINE VISION	ELECTIVE IV GENETIC ALGORITHMS MULTIMEDIA DATABASES STORAGE AREA NETWORKS	ELECTIVE III DATA MINING BIOMETRICS RADAR IMAGING	PARALLEL ALGORITHMS			

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POWER ENGINEERING AND ENERGY SYSTEMS-64	ADVANCED POWER SYSTEM PROTECTION	ELECTRICAL ENERGY CONVERSION	ELECTIVE III	ELECTIVE IV	INSTRUMENTATION	RENEWABLE ENERGY RESOURCES				
			THERMAL POWER PLANTS							FLEXIBLE AC TRANSMISSION
			HYDEL POWER ENGINEERING							DISTRIBUTION AUTOMATION
			ENERGY MANAGEMENT AND THERMAL ENERGY CONVERSION							EXTRA HIGH VOLTAGE TRANSMISSION
WIRELESS AND MOBILE COMMUNICATION-65	CODING THEORY AND TECHNIQUES	WIRELESS COMMUNICATIONS & NETWORKS	OPTICAL COMMUNICATIONS TECHNOLOGY	TELECOMMUNICATION SWITCHING & NETWORKS	ELECTIVE III	ELECTIVE IV				
					MOBILE COMPUTING TECHNOLOGIES	SOFTWARE RADIO				
					ADHOC WIRELESS & SENSOR NETWORKS	PROPAGATION MODELS FOR WIRELESS COMMUNICATIONS				
					OPTICAL NETWORKS	NETWORK SECURITY & CRYPTOGRAPHY				
NANO TECHNOLOGY-66	MATERIAL CHARECTERIZATRIION TECHNIQUES	PROPERTIES OF NANO STRUCTURES	NANO ELECTRONICS AND NANO PHOTONICS	CARBON NANOTUBES AND APPLICATIONS	MEMS/NEMS DESIGN AND APPLICATION	NANO COMPOSITES - DESIGN AND SYNTHESIS				
VLSI AND EMBEDDED SYSTEMS-68	CMOS ANALOG & MIXED SIGNAL DESIGN	SYSTEM ON CHIP ARCHITECTURE	EMBEDDED REAL TIME OPERATING SYSTEMS	DESIGN OF FAULT TOLERANT SYSTEMS	ELECTIVE IV	ELECTIVE III				
					SYSTEM MODELING AND SIMULATION	IMAGE & VIDEO PROCESSING				
					SEMICONDUCTOR MEMORY DESIGN & TESTING	VLSI SIGNAL PROCESSING				
					LOW POWER VLSI DESIGN	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES				
ELECTRONICS AND COMMUNICATION ENGINEERING-70	CODING THEORY AND TECHNIQUES	WIRELESS COMMUNICATIONS & NETWORKS	OPTICAL COMMUNICATIONS TECHNOLOGY	IMAGE & VIDEO PROCESSING	ELECTIVE III	ELECTIVE IV				
					LOW POWER VLSI DESIGN	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES				
					RADAR SIGNAL PROCESSING	DESIGN FOR TESTABILITY				
					OPTICAL NETWORKS	NETWORK SECURITY & CRYPTOGRAPHY				
PARALLEL COMPUTING-74	DISTRIBUTED DATA BASES	ADHOC SENSOR NETWORKS	GRID COMPUTING	INFORMATION SECURITY	ELECTIVE III	ELECTIVE IV				
					DATA MINING	CLOUD COMPUTING				
					MACHINE LEARNING	PERVASIVE COMPUTING				
					PATTERN RECOGNITION	DISTRIBUTED COMPUTING				

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CONTROL SYSTEMS-75	OPTIMAL CONTROL THEORY	ADAPTIVE CONTROL THEORY	ELECTIVE IV ADVANCED DIGITAL SIGNAL PROCESSING OPERATIONS RESEARCH	ELECTIVE III ROBOTICS AND CONTROL DISTRIBUTED CONTROL SYSTEMS	NEURAL NETWORKS AND FUZZY SYSTEMS	CONTROL SYSTEM DESIGN			
AEROSPACE ENGINEERING-76	AIRCRAFT CONTROL AND SIMULATION	SPACE TRANSPORTATION SYSTEMS	COMPUTATIONAL APPROACHES TO AEROSPACE VEHICLE DESIGN	AEROSPACE SENSORS AND MEASUREMENT SYSTEMS	ELECTIVE III ADVANCED TOPICS IN AIR TRAFFIC MANAGEMENT SYSTEMS SPACECRAFT DYNAMICS AND CONTROL DYNAMICS AND CONTROL OF STRUCTURES AEROTHERMODYNAMICS OF HYPERSONIC FLIGHT MISSILE GUIDANCE	ELECTIVE IV OPTIMAL CONTROL HIGH ANGLE OF ATTACK AERODYNAMICS TACTICAL MISSILE DESIGN ROCKET AND SPACECRAFT PROPULSION MECHANICS OF COMPOSITE MATERIALS			
EMBEDDED SYSTEMS & VLSI DESIGN-77	CMOS ANALOG & MIXED SIGNAL DESIGN	SYSTEM ON CHIP ARCHITECTURE	EMBEDDED REAL TIME OPERATING SYSTEMS	DESIGN OF FAULT TOLERANT SYSTEMS	ELECTIVE IV SYSTEM MODELING AND SIMULATION LOW POWER VLSI DESIGN SEMICONDUCTOR MEMORY DESIGN & TESTING	ELECTIVE III DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES IMAGE & VIDEO PROCESSING VLSI SIGNAL PROCESSING			
COMPUTER NETWORKS AND INFORMATION SECURITY-78	WIRELESS NETWORKS	INFORMATION SECURITY II	ELECTIVE IV ADHOC AND SENSOR NETWORKS WIRELESS SECURITY NETWORK MANAGEMENT AND PERFORMANCE EVALUATION INFORMATION RETRIEVAL SYSTEMS	INFORMATION SECURITY MANAGEMENT AND STANDARDS	MOBILE COMPUTING	ELECTIVE III DSITRIBUTED SYSTEMS COMMUNICATION PROTOCOL ENGINEERING DATABASE SECURITY WEB SERVICES			

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MECHATRONICS-80	MICRO CONTROLLER & APPLICATIONS	FUZZY LOGIC & NEURAL NETWORKS	MEMS	INDUSTRIAL ROBOTICS	DESIGN FOR MANUFACTURE & ASSEMBLY INTELLIGENT MANUFACTURING SYSTEMS SIMULATION MODELING OF MANUFACTURING SYSTEMS	AUTOTRONICS & VEHICLE INTELLIGENCE COMPUTER AIDED METROLOGY & MACHINE VISION ENTREPRENEURSHIP			
COMPUTER NETWORKS-82	WIRELESS NETWORKS	ELECTIVE IV ECOMMERCE	ELECTIVE III INFORMATION RETRIEVAL SYSTEMS	INTERNET NETWORKING WITH TCP/IP	MOBILE COMPUTING	DISTRIBUTED SYSTEMS			
REAL TIME SYSTEMS-84	REAL TIME SYSTEMS PROGRAMMING LANGUAGES	EMBEDDED SYSTEMS DEVELOPMENT	REAL TIME OPERATING SYSTEMS	ELECTIVE IV CASE STUDIES IN REAL TIME APPLICATIONS NEURAL NETWORKS MOBILE COMPUTING	ELECTIVE III CASE STUDIES IN REAL TIME OPERATING SYSTEMS PARALLEL ALGORITHMS LOW POWER VLSI DESIGN	QUALITY ASSURANCE OF REAL TIME SYSTEMS			
HIGHWAY ENGINEERING-87	HIGHWAY PROJECT FORMULATION & ECONOMICS	PAVEMENT CONSTRUCTION MAINTENANCE & MANAGEMENT	TRANSPORTATION SYSTEM MANAGEMENT	TRAFFIC ANALYSIS	ELECTIVE III ENVIRONMENTAL IMPACT ASSESSMENT FOR TRANSPORTATION PROJECTS ADVANCED MODELING TECHNIQUES IN HIGHWAY ENGINEERING LAND USE AND TRANSPORTATION MODELING	ELECTIVE IV ADVANCED TRAVEL DEMAND MODELLING GIS APPLICATIONS IN TRANSPORTATION ENGINEERING OPTIMIZATION TECHNIQUES			
ELECTRONICS & INSTRUMENTATION-88	DATA ACQUISITION SYSTEM	QUALITY & RELIABILITY ENGINEERING	PC BASED INSTRUMENTATION	VIRTUAL INSTRUMENTATION	INDUSTRIAL INSTRUMENTATION	FIBER OPTIC AND LASER BASED INSTRUMENTATION			
HEATING VENTILATION & AIR CONDITIONING-91	ADVANCED HEAT AND MASS TRANSFER	AIRCONDITIONING II	ADVANCED INSTRUMENTATION CONTROL SYSTEMS	REFRIGERATION & A/C EQUIPMENTS & CONTROL	ELECTIVE III ENERGY MANAGEMENT EQUIPMENT DESIGN FOR THERMAL SYSTEMS FINITE ELEMENT ANALYSIS	ELECTIVE IV THERMAL TURBO MACHINES THERMAL AND NUCLEAR POWER PLANTS CRYOGENIC ENGINEERING			

DATE:28-2-2015

  
CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**M.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS APRIL 2015**

## T I M E T A B L E

**T I M E : 2.00 PM TO 5:00 PM**

COURSE	06-04-2015 MONDAY	08-04-2015 WEDNESDAY	10-04-2015 FRIDAY	13-04-2015 MONDAY	15-04-2015 WEDNESDAY	17-04-2015 FRIDAY	18-04-2015 SATURDAY	20-04-2015 MONDAY	21-04-2015 TUESDAY
SYSTEMS AND SIGNAL PROCESSING-93	CODING THEORY & TECHNIQUES	ELECTIVE IV	ELECTIVE III	ADAPTIVE SIGNAL PROCESSING	SPEECH PROCESSING	DSP PROCESSORS AND ARCHITECTURES			
		SYSTEM ON CHIP ARCHITECTURE	EMBEDDED REALTIME OPERATING SYSTEMS						
		DIGITAL CONTROL SYSTEMS	ADHOC WIRELESS AND SENSOR NETWORKS						
		MOBILE COMPUTING TECHNOLOGIES	CPLD & FPGA ARCHITECTURES AND APPLICATION						
ENGINEERING DESIGN-95	ADVANCED MACHINE DESIGN	INDUSTRIAL ROBOTICS	FINITE ELEMENT AND BOUNDARY ELEMENT METHODS	DIGITAL IMAGE PROCESSING AND COMPUTER VISION	ELECTIVE III MATERIALS HANDLING EQUIPMENT	ELECTIVE IV DESIGN FOR MANUFACTURING AND ASSEMBLY			
POWERPLANT ENGINEERING AND ENERGY MANAGEMENT-99	ADVANCED POWER PLANT ENGINEERING	POWER PLANT INSTRUMENTATION	POWER PLANT MAINTENANCE	ENERGY CONSERVATION	EQUIPMENT DESIGN FOR THERMAL SYSTEMS	ELECTIVE II			
						POWER PLANT PROTECTIN AND SWITCHGEAR			
						ENVIROMENT&SAFETY ENGINEERING			
						POWER DISTRIBUTION SYSTEM			
						POWER PLANT PERFORMANCE MONITORING&TESTING			

DATE:28-2-2015



**CONTROLLER OF EXAMINATIONS**

**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