

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.TECH I YEAR -II SEMESTER –R22 REGULATION-REGULAR EXAMINATIONS AUGUST/SEPTEMBER-2023

TIMETABLE

TIME: 10:00 AM TO 01:00 PM

COURSE	24-08-2023 THURSDAY	26-08-2023 SATURDAY	29-08-2023 TUESDAY	31-08-2023 THURSDAY	02-09-2023 SATURDAY
CAD/CAM-04	CORE	MANUFACTURING SYSTEMS: SIMULATION MODELLING & ANALYSIS	E-3	E-3	E-4
	COMPUTER INTEGRATED MANUFACTURING		IOT & INDUSTRY 4.0	OPTIMIZATION TECHNIQUES & APPLICATIONS	MEMS: DESIGN AND MANUFACTURING
			INTELLIGENT MANUFACTURING SYSTEMS		MECHATRONICS
					FUZZY LOGIC & NEURAL NETWORKS
COMPUTER SCIENCE- 05 / COMPUTER SCIENCE AND ENGINEERING- 58	ADVANCED ALGORITHMS	ADVANCED COMPUTER ARCHITECTURE	E3	E4	
			ENTERPRISE CLOUD CONCEPTS	BIOINFORMATICS	
				NATURE INSPIRED COMPUTING	
			ADVANCED COMPUTER NETWORKS	ROBOTIC PROCESS AUTOMATION	
			EDGE ANALYTICS		
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS -06	ADVANCED COMPUTER ARCHITECTURE	EMBEDDED SYSTEM DESIGN	E3	E4	E4
			IOT ARCHITECTURE AND SYSTEM DESIGN	SOC DESIGN	HARDWARE AND SOFTWARE CO-DESIGN
			DESIGN OF FAULT TOLERANT SYSTEMS		AD-HOC AND WIRELESS SENSOR NETWORKS
			VLSI SIGNAL PROCESSING		

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ELECTRICAL POWER SYSTEMS -07 / ELECTRICAL POWER ENGINEERING-49	DIGITAL PROTECTION OF POWER SYSTEM	POWER SYSTEM DYNAMICS	E3	E4	E4
			RESTRUCTURED POWER SYSTEMS	ELECTRIC VEHICLE CHARGING TECHNIQUES	INDUSTRIAL LOAD MODELLING AND CONTROL
			POWER QUALITY IMPROVEMENT TECHNIQUES		AI TECHNIQUES IN POWER SYSTEMS
			EHV AC TRANSMISSION		POWER SYSTEM RELIABILITY AND PLANNING
			SWARM INTELLIGENCE TECHNIQUES IN POWER SYSTEMS		
ENVIRONMENTAL ENGINEERING- 11	AIR POLLUTION AND CONTROL	SOLID AND HAZARDOUS WASTE MANAGEMENT	E3	E4	
			WATER QUALITY MODELING	CLIMATE CHANGE MODELING	
			ENVIRONMENTAL HYDROLOGY	INDUSTRIAL WASTE MANAGEMENT	
			ENVIRONMENTAL STRUCTURES	REMEDIATION TECHNOLOGIES	
INDUSTRIAL ENGINEERING AND MANAGEMENT - 13	SUPPLY CHAIN MANAGEMENT	MANUFACTURING SYSTEMS: SIMULATION MODELLING & ANALYSIS	E-4	E-3	
			IOT & INDUSTRY 4.0	ARTIFICIAL INTELLIGENCE IN MANUFACTURING	
			ENERGY MANAGEMENT		
			MARKETING MANAGEMENT	TOTAL QUALITY MANAGEMENT	
				ENTERPRISE RESOURCE PLANNING	

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STRUCTURAL ENGINEERING -20	FINITE ELEMENT ANALYSIS	STRUCTURAL DYNAMICS	E- 4	E3	
			ADVANCED PRESTRESSED CONCRETE DESIGN	ADVANCED STRUCTURAL STEEL DESIGN	
			STRUCTURAL HEALTH MONITORING	STRUCTURAL RELIABILITY	
			DESIGN OF BRIDGES	DESIGN OF HIGH-RISE BUILDINGS	
THERMAL ENGINEERING-21	ADVANCED HEAT AND MASS TRANSFER	COMPUTATIONAL FLUID DYNAMICS	E3	E-3	E4
			FINITE ELEMENT ANALYSIS	OPTIMIZATION TECHNIQUES & APPLICATIONS	COGENERATION & WASTE HEAT RECOVERY SYSTEMS
			UTILIZATION OF SOLAR ENERGY		RENEWABLE ENERGY SOURCES
MICROWAVE AND RADAR ENGINEERING. -30	CORE ADVANCED COMMUNICATIONS AND NETWORKS	E4 ARM MICROCONTROLLERS	CORE MICROWAVE ANTENNAS	E4	E3
				RADAR SIGNAL PROCESSING	COGNITIVE RADIO SYSTEMS
				ELECTROMAGNETIC INTERFERENCE AND COMPABILITY	PHASED ARRAY RADAR
					RF RECEIVER DESIGN

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ADVANCED MANUFACTURING SYSTEMS -33	COMPUTER INTEGRATED MANUFACTURING	MANUFACTURING SYSTEMS: SIMULATION MODELLING & ANALYSIS	E3	E- 4	
			MATERIALS TECHNOLOGY	ARTIFICIAL INTELLIGENCE IN MANUFACTURING	
			QUALITY ENGINEERING IN MANUFACTURING	CONCURRENT ENGINEERING	
			ADVANCED TOOL DESIGN	INDUSTRIAL ROBOTICS	
COMPUTER AIDED STRUCTURAL ENGINEERING-35	FINITE ELEMENT ANALYSIS	STRUCTURAL DYNAMICS	E- 4	E3	E4
			ADVANCED PRESTRESSED CONCRETE DESIGN	DESIGN OF HIGH-RISE BUILDINGS	PROGRAMMING FOR STRUCTURAL ANALYSIS AND DESIGN
			STRUCTURAL HEALTH MONITORING	COMPUTER AIDED APPLICATIONS IN STRUCTURAL ENGINEERING	
				SPECIAL CONCRETES	
INFORMATION TECHNOLOGY -40 / WEB TECHNOLOGY - 62	WEB SCRAPING USING PYTHON	WEB 3.0	E3	E4	E3
			ENTERPRISE CLOUD CONCEPTS	UI AND UX DESIGN	BIG DATA ANALYTICS
				AUGMENTED REALITY AND VIRTUAL REALITY	GAME DEVELOPMENT
				AGILE METHODOLOGY	

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POWER ELECTRONICS-43	CORE	POWER ELECTRONICS APPLICATION TO POWER SYSTEMS	E3	E4	E3
	ADVANCED POWER ELECTRONIC CONVERTERS-II		POWER QUALITY IMPROVEMENT TECHNIQUES	ELECTRIC VEHICLE CHARGING TECHNIQUES	INDUSTRIAL LOAD MODELLING AND CONTROL
				DSP BASED DRIVE CONTROL DISTRIBUTED GENERATION	ADVANCED DIGITAL SIGNAL PROCESSING
POWER ELECTRONICS AND ELECTRIC DRIVES-54	CORE	CORE	E4	E4	E3
	ADVANCED POWER ELECTRONIC CONVERTERS-II	ELECTRICAL DRIVES	POWER QUALITY IMPROVEMENT TECHNIQUES	ELECTRIC VEHICLE CHARGING TECHNIQUES	ADVANCED DIGITAL SIGNAL PROCESSING
				DSP BASED DRIVE CONTROL	SPECIAL ELECTRICAL MACHINES
				INTEGRATION OF ENERGY SOURCES	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS SCADA SYSTEMS AND APPLICATIONS
EMBEDDED SYSTEMS-55	CORE	CORE	E3	E3	E4
	DIGITAL CONTROL SYSTEMS	ARM MICROCONTROLLERS	IOT ARCHITECTURE AND SYSTEM DESIGN	SOC DESIGN	HARDWARE AND SOFTWARE CO- DESIGN
			DESIGN FOR TESTABILITY		SECURE NETWORK
					PHYSICAL DESIGN AUTOMATION

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COURSE	24-08-2023 THURSDAY	26-08-2023 SATURDAY	29-08-2023 TUESDAY	31-08-2023 THURSDAY	02-09-2023 SATURDAY
VLSI/ VLSI SYSTEM DESIGN-57 VLSI DESIGN-A5	VLSI ADVANCED PHYSICAL DESIGN	SYSTEM VERILOG TEST BENCHES USING UVM	E3	E.3	E4
			IOT ARCHITECTURE AND SYSTEM DESIGN	SOC DESIGN	HARDWARE AND SOFTWARE CO-DESIGN
			DESIGN FOR TESTABILITY		DEVICE MODELING
					RF IC DESIGN
POWER ENGINEERING & ENERGY SYSTEMS 64	DIGITAL PROTECTION OF POWER SYSTEM	ENERGY STORAGE SYSTEMS	E3	E3	E4
			RESTRUCTURED POWER SYSTEMS	ELECTRIC VEHICLE CHARGING TECHNIQUES	AI TECHNIQUES IN POWER SYSTEMS
			POWER QUALITY IMPROVEMENT TECHNIQUES		WIND ENERGY CONVERSION SYSTEMS
			ENERGY CONVERSION PROCESSES		ENERGY AUDITING AND MANAGEMENT
					POWER SYSTEM RELIABILITY AND PLANNING
VLSI AND EMBEDDED SYSTEMS-68 / EMBEDDED SYSTEMS & VLSI DESIGN -77	CMOS ANALOG IC DESIGN	SYSTEM DESIGN WITH EMBEDDED LINUX	E.3	E3	E4
			IOT ARCHITECTURE AND SYSTEM DESIGN	SOC DESIGN	SECURE NETWORK
					DEVICE MODELING
			DESIGN FOR TESTABILITY		PHYSICAL DESIGN AUTOMATION

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ELECTRONICS AND COMMUNICATI ON ENGINEERING .70	CORE	E4	E3	E3	ADVANCED DIGITAL SIGNAL PROCESSING
	ADVANCED COMMUNICATIONS AND NETWORKS	EMBEDDED SYSTEM DESIGN	IOT ARCHITECTURE AND SYSTEM DESIGN	SOC DESIGN	
		COGNITIVE RADIO SYSTEMS			
		VOICE AND DATA NETWORKS	CODING THEORY AND TECHNIQUES		
COMPUTER NETWORKS AND INFORMATION SECURITY (CNIS) - 78 / COMPUTER NETWORKS-82 / CYBER SECURITY-A3	DISTRIBUTED SYSTEMS	WEB & DATABASE SECURITY	E3	E4	
			INTRUSION DETECTION & PREVENTION SYSTEMS	DIGITAL PAYMENT SYSTEMS	
			BLOCKCHAIN TECHNOLOGY	USER AUTHENTICATION TECHNIQUES	
			CLOUD SECURITY	DATA ANALYTICS FOR FRAUD DETECTION	

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ENGINEERING DESIGN. – 95	COMPUTER AIDED GEOMETRIC DESIGN	ADVANCED FINITE ELEMENT AND BOUNDARY ELEMENT METHODS	E4	E3	
			HYDRAULIC AND PNEUMATIC SYSTEMS	INDUSTRIAL ROBOTICS	
			MECHATRONICS	MECHANICS OF COMPOSITE MATERIALS	
			RELIABILITY ENGINEERING	DESIGN FOR MANUFACTURING & ASSEMBLY	
ARTIFICIAL INTELLIGENCE- A9	DEEP LEARNING	SPEECH PROCESSING	E3	E4	E3
			ENTERPRISE CLOUD CONCEPTS	REINFORCEMENT LEARNING	BIG DATA ANALYTICS
			FUNCTIONAL PROGRAMMING	MACHINE TRANSLATION	
				CYBER SECURITY	
DATA SCIENCE- B0	DEEP LEARNING		E3	E4	CORE
			EDGE ANALYTICS	NATURE INSPIRED COMPUTING	BIG DATA ANALYTICS
			ENTERPRISE CLOUD CONCEPTS	MACHINE TRANSLATION	
			BLOCKCHAIN TECHNOLOGY	PREDICTIVE ANALYTICS	

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE-B2	DEEP LEARNING	DATA ANALYTICS	E3	E4	
			ENTERPRISE CLOUD CONCEPTS	NATURE INSPIRED COMPUTING	
			SOCIAL MEDIA MINING	MACHINE TRANSLATION	
			VISUAL ANALYTICS	REINFORCEMENT LEARNING	
ROBOTICS AND ARTIFICIAL INTELLIGENCE-B3	KINEMATICS AND DYNAMICS OF ROBOTICS SYSTEMS	BIG DATA MANAGEMENT	E3	E4	
			INTERNET OF THINGS	INTELLIGENT SENSORS & ACTUATORS	
			AUTONOMOUS VEHICLES	ADVANCED ROBOTICS MANUFACTURING	
			ROBOTICS SIMULATION AND LOCALIZATION MAPPING	CYBER SECURITY	

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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