JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

E X A M I N A T I O N B R A N C H

M.TECH I YEAR -II SEMESTER –R22 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2025

T I M E T A B L E

TIME: 10:00 AM TO 01:00 PM

BRANCH	*19-08-2025* Tuesday	*21-08-2025* Thursday	*25-08-2025* Monday	*28-08-2025* Thursday	*30-08-2025* Saturday
CAD/CAM-04	CORE COMPUTER INTEGRATED MANUFACTURING	MANUFACTURING SYSTEMS: SIMULATION MODELLING & ANALYSIS	E-3 IOT & INDUSTRY 4.0 INTELLIGENT MANUFACTURING SYSTEMS	E-3 OPTIMIZATION TECHNIQUES & APPLICATIONS	E-4 MEMS: DESIGN AND MANUFACTURING MECHATRONICS FUZZY LOGIC & NEURAL NETWORKS
COMPUTER SCIENCE-05 / COMPUTER SCIENCE AND ENGINEERING- 58	ADVANCED ALGORITHMS	ADVANCED COMPUTER ARCHITECTURE	E3 ENTERPRISE CLOUD CONCEPTS ADVANCED COMPUTER NETWORKS EDGE ANALYTICS	E4 BIOINFORMATICS NATURE INSPIRED COMPUTING ROBOTIC PROCESS AUTOMATION	
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS -06	ADVANCED COMPUTER ARCHITECTURE	EMBEDDED SYSTEM DESIGN	E3 IOT ARCHITECTURE AND SYSTEM DESIGN DESIGN OF FAULT TOLERANT SYSTEMS VLSI SIGNAL PROCESSING	E4 SOC DESIGN	E4 HARDWARE AND SOFTWARE CO-DESIGN AD-HOC AND WIRELESS SENSOR NETWORKS

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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
			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			E- 4	E3	
	FINITE ELEMENT ANALYSIS	STRUCTURAL DYNAMICS	ADVANCED PRESTRESSED CONCRETE DESIGN	ADVANCED STRUCTURAL STEEL DESIGN	
				STRUCTURAL RELIABILITY	
			STRUCTURAL HEALTH MONITORING		
			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
					ENERGY CONSERVATION & MANAGEMENT
MICROWAVE AND RADAR ENGINEERING. -30	CORE	E4	CORE	E4	E3
	ADVANCED COMMUNICATIONS AND NETWORKS	ARM MICROCONTROLLERS	MICROWAVE ANTENNAS	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 ADVANCED POWER ELECTRONIC CONVERTERS-II	POWER ELECTRONICS APPLICATION TO POWER SYSTEMS	E3 POWER QUALITY IMPROVEMENT TECHNIQUES	E4 ELECTRIC VEHICLE CHARGING TECHNIQUES DSP BASED DRIVE CONTROL DISTRIBUTED GENERATION ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY	E3 INDUSTRIAL LOAD MODELLING AND CONTROL ADVANCED DIGITAL SIGNAL PROCESSING POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS
POWER ELECTRONICS AND ELECTRIC DRIVES-54	CORE ADVANCED POWER ELECTRONIC CONVERTERS-II	CORE ELECTRICAL DRIVES	E4 POWER QUALITY IMPROVEMENT TECHNIQUES	E4 ELECTRIC VEHICLE CHARGING TECHNIQUES DSP BASED DRIVE CONTROL INTEGRATION OF ENERGY SOURCES	E3 ADVANCED DIGITAL SIGNAL PROCESSING SPECIAL ELECTRICAL MACHINES POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS SCADA SYSTEMS AND APPLICATIONS
EMBEDDED SYSTEMS-55	CORE DIGITAL CONTROL SYSTEMS	CORE ARM MICROCONTROLLERS	E3 IOT ARCHITECTURE AND SYSTEM DESIGN DESIGN FOR TESTABILITY	E3 SOC DESIGN	E4 HARDWARE AND SOFTWARE CO-DESIGN SECURE NETWORK PHYSICAL DESIGN AUTOMATION

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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 COMMUNICATION ENGINEERING .70	CORE ADVANCED COMMUNICATIONS AND NETWORKS	E4 EMBEDDED SYSTEM DESIGN COGNITIVE RADIO SYSTEMS VOICE AND DATA NETWORKS	E3 IOT ARCHITECTURE AND SYSTEM DESIGN CODING THEORY AND TECHNIQUES	E3 SOC DESIGN	ADVANCED DIGITAL SIGNAL PROCESSING
COMPUTER NETWORKS AND INFORMATION SECURITY (CNIS) -78 / COMPUTER NETWORKS-82 / CYBER SECURITY-A3	DISTRIBUTED SYSTEMS	WEB & DATABASE SECURITY	E3 INTRUSION DETECTION & PREVENTION SYSTEMS BLOCKCHAIN TECHNOLOGY CLOUD SECURITY	E4 DIGITAL PAYMENT SYSTEMS USER AUTHENTICATION TECHNIQUES 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	
				DESIGN FOR MANUFACTURING & ASSEMBLY	
			RELIABILITY ENGINEERING		
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	
				REINFORCEMENT LEARNING	
			VISUAL ANALYTICS		
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 MANUFCATURING	
			ROBOTICS SIMULATION AND LOCALIZATION MAPPING	CYBER SECURITY	

DATE: 01-08-2025

Sd/-

CONTROLLER OF EXAMINATIONS

NOTE: **ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY**