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 SUPPLEMENTARY EXAMINATIONS MARCH-2025

T I M E T A B L E

TIME: 02:00 PM TO 05:00 PM

BRANCH	03-03-2025 MONDAY	05-03-2025 WEDNESDAY	07-03-2025 FRIDAY	10-03-2025 MONDAY	12-03-2025 WEDNESDAY
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

DATE: 14/02/2025

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

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

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

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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
				ELECTRIC VEHICLE CHARGING TECHNIQUES	AI TECHNIQUES IN POWER SYSTEMS
			RESTRUCTURED POWER SYSTEMS		
			POWER QUALITY IMPROVEMENT TECHNIQUES		WIND ENERGY CONVERSION SYSTEMS
					ENERGY AUDITING AND MANAGEMENT
			ENERGY CONVERSION PROCESSES		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 HYDRAULIC AND PNEUMATIC SYSTEMS / MECHATRONICS / RELIABILITY ENGINEERING	E3 INDUSTRIAL ROBOTICS / MECHANICS OF COMPOSITE MATERIALS / DESIGN FOR MANUFACTURING & ASSEMBLY	
ARTIFICIAL INTELLIGENCE-A9	DEEP LEARNING	SPEECH PROCESSING	E3 ENTERPRISE CLOUD CONCEPTS / FUNCTIONAL PROGRAMMING	E4 REINFORCEMENT LEARNING / MACHINE TRANSLATION / CYBER SECURITY	E3 BIG DATA ANALYTICS
DATA SCIENCE-B0	DEEP LEARNING		E3 EDGE ANALYTICS / ENTERPRISE CLOUD CONCEPTS / BLOCKCHAIN TECHNOLOGY	E4 NATURE INSPIRED COMPUTING / MACHINE TRANSLATION / PREDICTIVE ANALYTICS	CORE BIG DATA ANALYTICS

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