JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

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

IV YEAR B.TECH - I SEMESTER– R13 REGULATION SUPPLEMENTARY EXAMINATIONS JANUARY/FEBRUARY-2023

T I M E T A B L E

TIME→ FN: 10.00 AM TO 1.00 PM

BRANCH	20-01-2023 FRIDAY	23-01-2023 MONDAY	25-01-2023 WEDNESDAY	27-01-2023 FRIDAY	31-01-2023 TUESDAY	02-02-2023 THURSDAY	04-02-2023 SATURDAY	07-02-2023 TUESDAY	09-02-2023 THURSDAY
CIVIL ENGINEERING (01-C E)	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (Comm. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Water Resources Engineering -II	Advanced Foundation Engineering Finite Element Methods (Comm. To CE, CEE)	Transportation Engineering - II	Advanced Structural Design Earth and Rock fill Dams and Slope Stability Water Resources Systems Analysis Industrial Waste Water Treatment (Comm. To CE, CEE)		Air Pollution and Control (Comm. To CE, CEE)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	-	Utilization of Electrical Energy	Digital Signal Processing	Power System Operation and Control	Digital Control Systems (comm. To EEE, EIE) High Voltage Engineering Data structures	Optimization Techniques Electrical Distribution Systems Electrical Estimation and Costing	Switch Gear and Protection	VLSI Design (Comm to EEE, EIE, BME)	----

DATE: 09-01-2023

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MECHANICAL ENGINEERING (03-M E)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE)	Power Plant Engineering (Comm. To ME, MCT)	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT)	Unconventional Machining Processes	--	--	Industrial Management
					Mechanical Vibrations (Comm. TO ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)			
					Mechatronics (Comm. To ME, AME)	Automation in Manufacturing			
					Mechanics of Composite Materials (Comm. To ME, MSNT)	Design for Manufacturing			
						Nanotechnology (Comm. To ME, CHEM, BME)			

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ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E)	Management Science (Comm. To ECE, ETM, MMT)	Microwave Engineering	Computer Networks (Comm. To ECE, EIE, BME)	Multimedia and Signal Coding (Comm. To ECE, ETM)	Object Oriented Programming through Java	Television Engineering Optical Communications (Comm. To ECE, ETM) Embedded Systems Design (Comm. To ECE, ETM)	Cellular and Mobile Communications	----	Digital Image Processing (Comm. To ECE, ETM)
COMPUTER SCIENCE AND ENGINEERING (05-C S E)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE) Image processing and Pattern Recognition (Comm. To CSE, IT) Big data analytics(Associate analytics-II) (Comm. To CSE, IT) Information Security assessments and audits(security analyst-2) (Comm. To CSE, IT)	Design Patterns (Comm. To CSE, IT)	Linux Programming	Cloud Computing	Software Project Management (Comm. To CSE, IT) Mobile Computing Computer Graphics (Comm. To CSE, IT)	Machine Learning Soft Computing (Comm. To CSE, IT) Artificial Intelligence Computer Forensics	Information Retrieval Systems (Comm. To CSE, IT)	Data Warehousing and Data Mining	----

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CHEMICAL ENGINEERING (08-C H E M)	Transport Phenomena	Process Dynamics & Control	Chemical Process Equipment Design	Process Modeling and Simulation	Polymer Technology Petroleum and Petrochemical Technology Chemical Process Optimization	Nanotechnology (Comm. To ME, CHEM, BME) Biochemical Engineering Computational Fluid Dynamics	--	--	----
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)	Analytical Instrumentation	PC Based Instrumentation	Computer Networks (Comm. To ECE, EIE, BME)	Robotics and Automation	Digital Control Systems (comm. To EEE, EIE) Bio Medical Instrumentation	Embedded Systems	Telemetry and Telecontrol Optoelectronics & Laser Instrumentation	VLSI Design (Comm to EEE, EIE, BME)	----
BIO-MEDICAL ENGINEERING (11-B M E)	Bio medical Signal Processing -	Medical Image Processing	Computer Networks (Comm. To ECE, EIE, BME)	---	Embedded & Real Time Systems	Nanotechnology (Comm. To ME, CHEM, BME) Lasers & Fiber Optic Instrumentation	Artificial Neural Networks	VLSI Design (Comm to EEE, EIE, BME) DSP Processors & Architectures	Rehabilitation Engineering

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INFORMATION TECHNOLOGY (12- I T)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE)	Design Patterns (Comm. To CSE, IT)	Information Security	Mobile Application Development	Software Project Management (Comm. To CSE, IT)	Soft Computing (Comm. To CSE, IT)	Information Retrieval Systems (Comm. To CSE, IT)	----	----
	Image processing and Pattern Recognition (Comm. To CSE, IT)				Computer Graphics (Comm. To CSE, IT)				
	Wireless Networks and Mobile Computing				Human Computer Interaction				
	Semantic Web and Social Networks								
	Big data analytics(Associate analytics-II) (Comm. To CSE, IT)				Scripting Languages				
	Information Security assessments and audits (security analyst-2) (Comm. To CSE, IT)				Computer Forensics				

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MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)	Power Plant Engineering (Comm. To ME, MCT) Computer Organization Advanced Kinematics and Dynamics of Machinery	Robotics & its applications	----	Product Design and Assembly Automation Renewable Energy Sources Data Structures	Microprocessors and Micro Controllers (Comm. To MCT, AME)	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Motion Control Design	Flexible Manufacturing System
ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M)	Management Science (Comm. To ECE, ETM, MMT)	Advanced Tele communication Technologies	Electronic Measurements and Instrumentation	Multimedia and Signal Coding (Comm. To ECE, ETM)	Digital Signal Processors and Architectures	Optical Communications (Comm. To ECE, ETM) Embedded Systems Design (Comm. To ECE, ETM) Digital Control Systems	Spread Spectrum Communications	----	E1 Digital Image Processing (Comm. To ECE, ETM)

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METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)	Management Science (Comm. To ECE, ETM, MMT)		Material Characterization Techniques	Non Destructive Testing	Ceramic Science and Technology X- Ray Diffraction Light Metals and Alloys Probability & Statistics (Comm. To MMT, AE)	Metallurgical Problems Polymeric Materials	E1 Semi Conductors and Magnetic Materials	Electro Metallurgy and Corrosion	----
AERONAUTICAL ENGINEERING (21-A E)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)		CAD/CAM (Comm. To ME, AE, AME, MSNT)	Airframe Structural Design	Probability & Statistics (Comm. To MMT, AE) Advanced Computational Aerodynamics Flight Scheduling and Operations Mechanisms and Mechanical Design Theory of Elasticity	Space Mechanics Experimental Aerodynamics Aircraft Maintenance Engineering	Control Theory – Application to Flight Control Systems	Mechanical Vibrations and Structural Dynamics	----

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AUTOMOBILE ENGG. (24 – AME)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)	Automotive Electrical and Autotronics	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT) Mechatronics (Comm. To ME, AME) Automotive Pollution and Control Mechanical Vibrations (Comm. TO ME, AME, MSNT)	Microprocessors and Micro Controllers (Comm. To MCT, AME) Finite Element Methods Vehicle Body Engineering and Safety	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Automotive chassis and Suspension	Metrology & Surface Engineering
MINING ENGINEERING (25 – MIE)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE)	Rock Mechanics	Mineral Processing	Mine Legislation	Rock Excavation Engineering Rock Fragmentation Engineering	Computer Applications in Mining Mine Construction Engineering Tunneling Engineering Strata Control Technology	Rock Slope Engineering Mine Economics Mine Subsidence Engineering	----	----

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PETROLIUM ENGG. (27 – PTME)	Enhanced oil Recovery Techniques	Petroleum Refinery Engineering	Petroleum Management, Marketing & Finance	Health, Safety & Environment in Petroleum Industry	Natural Gas Processing Coal Bed Methane Engineering Petro Chemical Engineering Mass Transfer Operations Material Science	Offshore Engineering Horizontal Well Technology Optimization of Upstream Processes Chemical Reaction Engineering-1	----	--	----
CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E)	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (COMM. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Transportation Engineering	Finite Element Methods (Comm. To CE, CEE) Environmental Sanitation	Solid waste Management	Industrial Waste Water Treatment (Comm. To CE, CEE) Environmental Pollution of Soil & Remediation	—	Air Pollution and Control (Comm. To CE, CEE)

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MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)	---	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Metrology Instrumentation and Control Systems	Robotics (Comm. To ME, AME, MSNT) Automobile Engineering Mechanics of Composite Materials (Comm. To ME, MSNT) Mechanical Vibrations (Comm. TO ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)	Mechanical behavior of Nano Materials Nano Sensors and Actuators MEMS/ NEMS Design and Applications Surface Engineering	Carbon Nano Tubes and their Applications	----

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AGRICULTURE ENGINEERING (30 - ACE)	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)	Watershed Management (comm. To CE, CEE, ACE)	Micro Irrigation Engineering	Farm Machinery and Equipments-II	Agro Industries and Bi-product Utilization	Mechanical Measurements and Instrumentation	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Post Harvest Engineering for Horticulture Produce	----
	Drying and Storage Engineering								
	Managerial economics & financial Analysis								
	Food processing plant design and layout								

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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

(iii) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.