

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R18 REGULATION REGULAR /SUPPLEMENTARY EXAMINATIONS DECEMBER-2023/JANUARY-2024**

## TIME TABLE

**T I M E→FN: 10:00 AM TO 1:00 PM**

BRANCH	27-12-2023 WEDNESDAY	29-12-2023 FRIDAY	02-01-2024 TUESDAY	04-01-2024 THURSDAY	06-01-2024 SATURDAY	08-01-2024 MONDAY
<b>CIVIL ENGINEERING (01-CE)</b>	Estimation, Costing and Project Management	Professional Practice law & Ethics	E3	E4	OE2	---
			Remote Sensing & GIS	Irrigation and Hydraulic Structures	Basic Mechanical Engineering Data Structures	
			Advanced Structural Design	Pipeline Engineering	Electric Drives And Control Fundamentals of Biomedical Applications Python Programming	
			Ground Improvement Techniques	Ground Water Hydrology	Basics of Aeronautical Engineering Java Programming Artificial Intelligence Surface Engineering Principles of Entrepreneurship Natural Gas Engineering Engineering Materials Material Handling In Mines Utilization of Electrical Energy Electronic Sensors Data Mining Iot Automation Ai Applications Optimization Techniques Data Analytics Introduction to Natural Language Processing Enterprise Resource Planning Social Media Security 5G Technologies Computer Security & Audit Assurance Design Thinking Intellectual Property Rights Health & Safety In Mines	

Date: 06-12-2023

Sd/-

**CONTROLLER OF EXAMINATIONS**

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<b>MECHANICAL ENGINEERING (03-ME)</b>	Refrigeration & Air Conditioning	E2	E3	E4	OE2	Automobile Engineering
		Additive Manufacturing	Power Plant Engineering	Computational Fluid Dynamics	Fundamentals of Biomedical Applications Data Structures Basics of Aeronautical Engineering	
		Automation in Manufacturing		Turbo Machinery	Java Programming Intellectual Property Rights	
		MEMS	Renewable Energy Sources	Fluid Power Systems	Electric Drives and Control Artificial Intelligence Social Media Security Introduction to Natural Language Processing Optimization Techniques Data Analytics Engineering Materials Python Programming Remote Sensing & GIS Principles of Entrepreneurship Electronic Sensors Natural Gas Engineering Material Handling In Mines Health & Safety In Mines Surface Engineering Utilization of Electrical Energy 5g Technologies IOT Automation AI Applications Enterprise Resource Planning Computer Security & Audit Assurance Design Thinking Data Mining	

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<b>ELECTRONICS AND COMMUNICATION ENGINEERING  (04-ECE)</b>	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	<b>OE2</b>	--
			Artificial Neural Networks	Biomedical Instrumentation	Material Handling In Mines	
			Scripting Languages	Database Management Systems	Optimization Techniques	
					Data Analytics	
			Digital Image Processing	Network Security and Cryptography	Data Mining	
					Enterprise Resource Planning	
			Introduction To Natural Language Processing	Social Media Security		
				Design Thinking		
				5G Technologies		
				IOT Automation		
				AI Applications		
				Remote Sensing & GIS		
				Artificial Intelligence		
				Python Programming		
				Basic Mechanical Engineering		
				Surface Engineering		
				Principles of Entrepreneurship		
				Health & Safety In Mines		
				Fundamentals of Biomedical Applications		
				Data Structures		
Basics of Aeronautical Engineering						
Utilization of Electrical Energy						
Engineering Materials						
Intellectual Property Rights						
Natural Gas Engineering						
Computer Security & Audit Assurance						
Java Programming						
Electric Drives and Control						

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING  (10-EIE)</b>	Analytical Instrumentation	Professional Practice, Law & Ethics	E3	E4	OE2	---
			Pharmaceutical Instrumentation	Biomedical Instrumentation	Natural Gas Engineering	
			Virtual Instrumentation		Basic Mechanical Engineering	
					Basics of Aeronautical Engineering	
					Surface Engineering	
			MEMS and its applications	Computer Networks	Java Programming	
					Material Handling In Mines	
					Artificial Intelligence	
					Electronic Sensors	
			Artificial Neural Networks		Electric Drives And Control	
					Data Structures	
					Python Programming	
					Intellectual Property Rights	
					Design Thinking	
					Principles of Entrepreneurship	
					Remote Sensing & GIS	
					Utilization of Electrical Energy	
					Health & Safety In Mines	
					5G Technologies	
					Computer Security & Audit Assurance	
Engineering Materials						
Optimization Techniques						
AI Applications						
Introduction To Natural Language Processing						
Social Media Security						
Data Analytics						
Data Mining						
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<b>MECHANICAL ENGINEERING (MECHATRONICS)  (14-MECT)</b>	---	E2	E3	E4	OE2	Automobile Engineering
		Operations Research	Power Plant Engineering	Computational Fluid Dynamics	Utilization of Electrical Energy Python Programming	
		Computer Organization	Product Design & Assembly Automation	Advanced Kinematics and Dynamics of Machinery	Health & Safety In Mines Electronic Sensors Optimization Techniques Remote Sensing & GIS	
		Advanced Data Structures	Renewable Energy Sources	Flexible Manufacturing Systems	Natural Gas Engineering Java Programming Basics of Aeronautical Engineering Material Handling In Mines Surface Engineering Electric Drives And Control Fundamentals of Biomedical Applications Data Structures Artificial Intelligence Engineering Materials IOT Automation AI Applications Data Analytics Data Mining Introduction To Natural Language Processing Enterprise Resource Planning Social Media Security 5G Technologies Design Thinking Computer Security & Audit Assurance	

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<b>METALLURGICAL AND MATERIALS ENGINEERING  (18-MMT)</b>	Fundamentals of Management for Engineers	Introduction to Instrumentation	E3	E4	OE2	---			
			Alternate Routes of Iron & Steel Making	Functional Materials	Utilization of Electrical Energy		Intellectual Property Rights		
				Computational Materials Engineering	Principles of Entrepreneurship		Health & Safety In Mines	Python Programming	
					Enterprise Resource Planning		Electronic Sensors	Material Handling In Mines	
					Ceramics Science and Technology		Fundamentals of Biomedical Applications	Remote Sensing & GIS	Artificial Intelligence
							Natural Gas Engineering	Data Structures	Java Programming
				Electric Drives And Control			Basics of Aeronautical Engineering	Basic Mechanical Engineering	
				Computer Security & Audit Assurance			Design Thinking	Data Analytics	
				IOT Automation			Optimization Techniques	Social Media Security	
				5G Technologies			AI Applications	Data Mining	
				Introduction to Natural Language Processing					
			Bio Materials						
			Non-Destructive Testing						

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<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Vibration and Aero-elasticity	E2	E3	E4	OE2	---
		Space Mechanics	Experimental Aerodynamics	Industrial Aerodynamics	Electronic Sensors	
					Optimization Techniques	
		Rockets and Missiles	Hypersonic Aerodynamics	Turbo Machinery	Electric Drives And Control	
					Engineering Materials	
		Wind Tunnel Technique	Advanced Computational Aerodynamics	Theory of Combustion	Remote Sensing & GIS	
					Python Programming	
					Natural Gas Engineering	
					Utilization of Electrical Energy	
					Intellectual Property Rights	
					Material Handling In Mines	
					Surface Engineering	
					Artificial Intelligence	
					Java Programming	
					Principles of Entrepreneurship	
					Fundamentals of Biomedical Applications	
					Data Structures	
					Basic Mechanical Engineering	
					Health & Safety In Mines	
					IOT Automation	
			Enterprise Resource Planning			
			Data Mining			
			Introduction To Natural Language Processing			
			AI Applications			
			Computer Security & Audit Assurance			
			Data Analytics			
			Social Media Security			
			Design Thinking			
			5G Technologies			

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MINING ENGG. (25-MNE)	Underground Metal Mining Technology	Mine Legislation	E3	E4	OE2	--
			Advanced Surface Mining	Rock Slope Technology	Natural Gas Engineering	
				Mine Systems Engineering	Remote Sensing & GIS	
			Rock Fragmentation Engineering		Dimensional Stone Technology	
				Optimization Techniques		
			Risk Assessment and Management	Utilization of Electrical Energy		
				Data Structures		
				Fundamentals of Biomedical Applications		
				Python Programming		
				Basics of Aeronautical Engineering		
				Surface Engineering		
				Artificial Intelligence		
				Electronic Sensors		
				Principles of Entrepreneurship		
				Engineering Materials		
				Basic Mechanical Engineering		
				Intellectual Property Rights		
				IOT Automation		
				5G Technologies		
				AI Applications		
Data Mining						
Computer Security & Audit Assurance						
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<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Petroleum Economics, Policies & Laws	E2	E3	E4	OE2	---
		Optimization of Upstream Processes	Shale Gas Reservoir Engineering	Pipeline Maintenance Engineering	Python Programming	
					Artificial Intelligence	
				Natural Gas Processing	Data Structures	
					Principles of Entrepreneurship	
		Petroleum Reservoir Stimulation	Data Analytics			
			Petrochemical Engineering	Electric Drives And Control		
		Health & Safety In Mines				
		Remote Sensing & GIS				
		Electronic Sensors				
		Java Programming				
		Material Handling In Mines				
		Engineering Materials				
		Surface Engineering				
		Fundamentals of Biomedical Applications				
		Basic Mechanical Engineering				
		Intellectual Property Rights				
		Basics of Aeronautical Engineering				
		Utilization of Electrical Energy				
		AI Applications				
Introduction To Natural Language Processing						
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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.
- (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