

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

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

**TIME TABLE**

**T I M E→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
<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	Data Structures
			Advanced Structural Design	Pipeline Engineering	Artificial Intelligence
			Ground Improvement Techniques	Ground Water Hydrology	Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Natural Gas Engineering		
Engineering Materials					
Surface Engineering					
Health & Safety in Mines					
Material Handling in Mines					

Date: 09-01-2023

Sd/-

**CONTROLLER OF EXAMINATIONS**

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<b>MECHANICAL ENGINEERING</b>  (03-ME)	Refrigeration & Air Conditioning	E2	E3	E4	OE2
		Additive Manufacturing	Power Plant Engineering	Computational Fluid Dynamics	Remote Sensing & GIS
		Automation in Manufacturing	Automobile Engineering	Turbo Machinery	Data Structures
		MEMS	Renewable Energy Sources	Fluid Power Systems	Artificial Intelligence
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Engineering Materials		
			Surface Engineering		
			Natural Gas Engineering		
			Health & Safety in Mines		
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BRANCH	20-01-2023 FRIDAY	23-01-2023 MONDAY	25-01-2023 WEDNESDAY	27-01-2023 FRIDAY	31-01-2023 TUESDAY
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  <b>(04-ECE)</b>	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	<b>OE2</b>
					Data Structures
			Artificial Neural Networks	Biomedical Instrumentation	Artificial Intelligence
					Remote Sensing & GIS
					Python Programming
			Scripting Languages	Database Management Systems	Java Programming
			Digital Image Processing		Fundamentals of Biomedical Applications
					Utilization of Electrical Energy
				Network Security and Cryptography	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
		Natural Gas Engineering			
		Engineering Materials			
		Surface Engineering			
		Health & Safety in Mines			
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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING  (10-EIE)</b>	Analytical Instrumentati on	Professional Practice, Law & Ethics	E3	E4	OE2
			Pharmaceutical Instrumentation	Biomedical Instrumentation	Remote Sensing & GIS
					Data Structures
			Virtual Instrumentation		Artificial Intelligence
					Python Programming
			MEMS and its applications	Computer Networks	Java Programming
					Electronic Sensors
					Utilization of Electrical Energy
				Artificial Neural Networks	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
		Engineering Materials			
		Surface Engineering			
		Health & Safety in Mines			
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<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	Automobile Engineering	E2	E3	E4	OE2
		Operations Research		Power Plant Engineering	Computational Fluid Dynamics
		Computer Organization	Product Design & Assembly Automation	Advanced Kinematics and Dynamics of Machinery	Artificial Intelligence Python Programming
		Advanced Data Structures	Renewable Energy Sources	Flexible Manufacturing Systems	Java Programming Fundamentals of Biomedical Applications Electronic Sensors Utilization of Electrical Energy Electric Drives and Control Basics of Aeronautical Engineering Natural Gas Engineering Engineering Materials Surface Engineering Health & Safety in Mines Material Handling in Mines

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<b>METALLURGICAL AND MATERIALS ENGINEERING  (18-MMT)</b>	Introduction to Instrumentation	Fundamentals of Management for Engineers	E3	E4	OE2
			Alternate Routes of Iron & Steel Making	Functional Materials	Remote Sensing & GIS
				Computational Materials Engineering	Data Structures
				Ceramics Science and Technology	Artificial Intelligence
			Bio Materials	Python Programming	Java Programming
				Fundamentals of Biomedical Applications	Electronic Sensors
				Utilization of Electrical Energy	Electric Drives and Control
				Basic Mechanical Engineering	Basics of Aeronautical Engineering
				Intellectual Property Rights	Principles of Entrepreneurship
				Non-Destructive Testing	Natural Gas Engineering
				Health & Safety in Mines	Material Handling in Mines

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<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Vibration and Aero-elasticity	E2	E3	E4	OE2
		Space Mechanics	Experimental Aerodynamics	Industrial Aerodynamics	Remote Sensing & GIS
					Data Structures
					Artificial Intelligence
		Rockets and Missiles	Hypersonic Aerodynamics	Turbo Machinery	Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
		Wind Tunnel Technique	Advanced Computational Aerodynamics	Theory of Combustion	Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
					Engineering Materials
			Surface Engineering		
			Health & Safety in Mines		
			Material Handling in Mines		

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<b>MINING ENGG. (25-MNE)</b>	Underground Metal Mining Technology	Mine Legislation	E3	E4	OE2
			Advanced Surface Mining	Rock Slope Technology	Remote Sensing & GIS
				Mine Systems Engineering	Data Structures
			Rock Fragmentation Engineering	Artificial Intelligence	Python Programming
				Risk Assessment and Management	Java Programming
			Dimensional Stone Technology	Fundamentals of Biomedical Applications	Electronic Sensors
				Utilization of Electrical Energy	Electric Drives and Control
				Basic Mechanical Engineering	Basics of Aeronautical Engineering
				Intellectual Property Rights	Principles of Entrepreneurship
				Natural Gas Engineering	Engineering Materials
				Surface Engineering	

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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	Remote Sensing & GIS
					Data Structures
			Petroleum Reservoir Stimulation	Natural Gas Processing	Artificial Intelligence
		Python Programming			
		Petroleum Reservoir Modeling & Simulation	Petrochemical Engineering	Java Programming	
				Fundamentals of Biomedical Applications	
				Electronic Sensors	
				Utilization of Electrical Energy	
				Electric Drives and Control	
				Basic Mechanical Engineering	
				Basics of Aeronautical Engineering	
		Intellectual Property Rights			
Chemical Reaction Engineering			Principles of Entrepreneurship		
Offshore Engineering			Engineering Materials		
			Surface Engineering		
			Health & Safety in Mines		
			Material Handling in Mines		

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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