

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R18 REGULATION COMPUTER BASED TEST (CBT) FEBRUARY - 2023**

## TIME TABLE

BRANCH	25-02-2023 SATURDAY		27-02-2023 MONDAY		28-02-2023 TUESDAY
	10.00 AM to 10.45 AM	2.15 PM to 3.00 PM	10.00 AM to 10.45 AM	2.15 PM to 3.00 PM	10.00 AM to 10.45 AM
<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: 20-02-2023

CONTROLLER OF EXAMINATIONS

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<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  <b>(02-EEE)</b>	Fundamentals of Management for Engineers	---	E3	E4	OE2
			Digital Control systems	HVDC Transmission	Data Structures
			Digital Signal Processing	Power System Reliability	Artificial Intelligence
			Electrical and Hybrid Vehicles	Industrial Electrical Systems	Remote Sensing & GIS
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					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</b>  <b>(03-ME)</b>	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		
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<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  (04-ECE)	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	<b>OE2</b>
			Artificial Neural Networks	Biomedical Instrumentation	Data Structures
			Scripting Languages	Database Management Systems	Artificial Intelligence
			Digital Image Processing		Remote Sensing & GIS
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					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			
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<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	Cryptography & Network Security	Data Mining	E4	E5	OE2	
			Graph Theory	Advanced Algorithms	Remote Sensing & GIS	
					Fundamentals of Biomedical Applications	
					Electronic Sensors	
			Introduction to Embedded Systems	Real Time Systems	Utilization of Electrical Energy	
					Electric Drives and Control	
					Basic Mechanical Engineering	
					Basics of Aeronautical Engineering	
					Soft Computing	Intellectual Property Rights
						Principles of Entrepreneurship
			Artificial Intelligence	Internet of Things	Natural Gas Engineering	
			Cloud Computing		Engineering Materials	
					Surface Engineering	
			Ad-hoc & Sensor Networks		Software Process & Project Management	Health & Safety in Mines
	Material Handling in Mines					

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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	Remote Sensing & GIS
			Virtual Instrumentation		Data Structures
			MEMS and its applications	Computer Networks	Artificial Intelligence
					Python Programming
			Artificial Neural Networks	Artificial Neural Networks	Java Programming
					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	Natural Gas Engineering	Engineering Materials
Surface Engineering					
Health & Safety in Mines					
Material Handling in Mines					

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<b>INFORMATION TECHNOLOGY</b>  <b>(12- I T)</b>	Information Security	Data Mining	E4	E5	OE2
			Web Security	Intrusion Detection Systems	Remote Sensing & GIS
				Real Time Systems	Fundamentals of Biomedical Applications
				Soft Computing	Electronic Sensors
				Distributed Databases	
			High Performance Computing	Software Process & Project Management	Utilization of Electrical Energy
			Artificial Intelligence		Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Cloud Computing	Natural Gas Engineering	
			Ad-hoc & Sensor Networks	Engineering Materials	
				Surface Engineering	
Health & Safety in Mines					
	Material Handling in Mines				

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<b>MECHANICAL ENGINEERING (MECHATRONIC S)  (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  Flexible Manufacturing Systems	Artificial Intelligence Python Programming
		Advanced Data Structures	Renewable Energy Sources		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
					Data Structures
				Computational Materials Engineering	Artificial Intelligence
					Python Programming
					Java Programming
				Ceramics Science and Technology	Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
			Basic Mechanical Engineering		
			Basics of Aeronautical Engineering		
			Bio Materials	Intellectual Property Rights	
				Principles of Entrepreneurship	
Natural Gas Engineering					
Non-Destructive Testing	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
		Wind Tunnel Technique	Advanced Computational Aerodynamics	Theory of Combustion	Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
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			Surface Engineering		
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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
					Data Structures
					Artificial Intelligence
			Rock Fragmentation Engineering	Mine Systems Engineering	Python Programming
					Java Programming
			Risk Assessment and Management	Dimensional Stone Technology	Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical 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  Petroleum Reservoir Stimulation	Pipeline Maintenance Engineering	Remote Sensing & GIS
					Data Structures
				Artificial Intelligence	
		Chemical Reaction Engineering	Petroleum Reservoir Modeling & Simulation	Natural Gas Processing	Python Programming
					Java Programming
				Fundamentals of Biomedical Applications	
		Offshore Engineering	Petrochemical Engineering	Electronic Sensors	
				Utilization of Electrical Energy	
				Electric Drives and Control	
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Engineering Materials		
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<b>INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)</b>	Internet of Things	Data Mining	E5	E4	OE2
			Advanced Algorithms	Pattern Recognition	Remote Sensing & GIS
			Natural Language Processing	Cryptography & Network Security	Fundamentals of Biomedical Applications
			Image Processing		Utilization of Electrical Energy
				Software Process & Project Management	Electric Drives and Control
				Adhoc & Sensor Networks	Basic Mechanical Engineering
			Human Computer Interaction		Distributed Systems
				Deep Learning	Intellectual Property Rights
					Material Handling in Mines
					Principles of Entrepreneurship
					Natural Gas Engineering
			Engineering Materials		
Surface Engineering					
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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.