

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R18 REGULATION REGULAR EXAMINATIONS FEBRUARY-2022**

**TIME TABLE**

**T I M E → FN: 9:45 AM TO 12:45 PM**

BRANCH	09-02-2022 WEDNESDAY	11-02-2022 FRIDAY	14-02-2022 MONDAY	16-02-2022 WEDNESDAY	18-02-2022 FRIDAY
<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 Python Programming
			Ground Improvement Techniques	Ground Water Hydrology	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: 21-01-2022

Sd/-

**CONTROLLER OF EXAMINATIONS**

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<b>MECHANICAL ENGINEERING  (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		
			Health & Safety in Mines		
			Material Handling in Mines		

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<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			
		Material Handling in Mines			

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING</b>  <b>(10-EIE)</b>	Analytical Instrumentati on	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	Java Programming	
				Electronic Sensors	
				Utilization of Electrical Energy	
				Electric Drives and Control	
				Basic Mechanical Engineering	
				Basics of Aeronautical Engineering	
			Natural Gas Engineering	Intellectual Property Rights	
				Principles of Entrepreneurship	
				Engineering Materials	
Surface Engineering					
Health & Safety in Mines					
Material Handling in Mines					

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<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  (14-MECT)	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</b>  (18-MMT)	Introduction to Instrumentation	Fundamentals of Management for Engineers	E3	E4	OE2
			Alternate Routes of Iron & Steel Making	Functional Materials	Remote Sensing & GIS
				Data Structures	Artificial Intelligence
				Computational Materials Engineering	Python Programming Java Programming
			Bio Materials	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
					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
		Rockets and Missiles			Data Structures
					Artificial Intelligence
		Wind Tunnel Technique	Hypersonic Aerodynamics	Turbo Machinery	Python Programming
					Java Programming
		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	
		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	Rock Slope Technology	Artificial Intelligence
				Mine Systems Engineering	Python Programming
			Risk Assessment and Management	Rock Fragmentation Engineering	Java Programming
				Risk Assessment and Management	Fundamentals of Biomedical Applications
				Risk Assessment and Management	Electronic Sensors
				Risk Assessment and Management	Utilization of Electrical Energy
				Risk Assessment and Management	Electric Drives and Control
				Risk Assessment and Management	Basic Mechanical Engineering
				Risk Assessment and Management	Basics of Aeronautical Engineering
				Risk Assessment and Management	Intellectual Property Rights
			Risk Assessment and Management	Principles of Entrepreneurship	
Risk Assessment and Management	Natural Gas Engineering				
Risk Assessment and Management	Engineering Materials				
Risk Assessment and Management	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
		Chemical Reaction Engineering	Petroleum Reservoir Stimulation	Natural Gas Processing	Artificial Intelligence
					Python Programming
		Offshore Engineering	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
			Principles of Entrepreneurship		
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Note: ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.

(i) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL

(ii) 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.