

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – I SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JANUARY-2022-(IN OFFLINE MODE)

REVISED TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM:12.40 PM TO 1.00 PM)

AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	19-01-2022 FN WEDNESDAY	19-01-2022 AN WEDNESDAY	20-01-2022 FN THURSDAY	20-01-2022 AN THURSDAY	21-01-2022 FN FRIDAY
CIVIL ENGINEERING (01-CE)	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: 06-01-2022

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ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Fundamentals of Management for Engineers	---	E3	E4	OE2
					Data Structures
					Artificial Intelligence
			Digital Control systems	HVDC Transmission	Remote Sensing & GIS
			Digital Signal Processing	Power System Reliability	Python Programming
					Java Programming
			Electrical and Hybrid Vehicles	Industrial Electrical Systems	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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MECHANICAL ENGINEERING (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		
			Material Handling in Mines		

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ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	OE2
					Data Structures
			Artificial Neural Networks	Biomedical Instrumentation	Artificial Intelligence
					Remote Sensing & GIS
					Python Programming
			Scripting Languages	Database Management Systems	Java Programming
					Fundamentals of Biomedical Applications
			Digital Image Processing		Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Basic Mechanical Engineering
		Natural Gas Engineering			
		Engineering Materials			
		Surface Engineering			
		Health & Safety in Mines			
		Material Handling in Mines			

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COMPUTER SCIENCE AND ENGINEERING (05-CSE)	Cryptography & Network Security	Data Mining	E4	E5	OE2
			Graph Theory	Advanced Algorithms	Remote Sensing & GIS
					Fundamentals of Biomedical Applications
			Introduction to Embedded Systems	Real Time Systems	Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Soft Computing
			Principles of Entrepreneurship		
			Artificial Intelligence	Internet of Things	Natural Gas Engineering
			Cloud Computing		Engineering Materials
					Ad-hoc & Sensor Networks
		Health & Safety in Mines			
		Material Handling in Mines			

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ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Analytical Instrumentati on	Professional Practice, Law & Ethics	E3	E4	OE2
			Pharmaceutical Instrumentation	Biomedical Instrumentation	Remote Sensing & GIS
			Virtual Instrumentation		Data Structures
					Artificial Intelligence
					Python Programming
					Java Programming
			MEMS and its applications	Computer Networks	Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
				Artificial Neural Networks	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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INFORMATION TECHNOLOGY (12- I T)	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
			Cloud Computing		Principles of Entrepreneurship
			Ad-hoc & Sensor Networks		Natural Gas Engineering
					Engineering Materials
				Surface Engineering	
				Health & Safety in Mines	
	Material Handling in Mines				

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MECHANICAL ENGINEERING (MECHATRONICS) (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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METALLURGICAL AND MATERIALS ENGINEERING (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	
				Computational Materials Engineering	Artificial Intelligence 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	
				Basic Mechanical Engineering	
				Natural Gas Engineering	
				Health & Safety in Mines	
			Non-Destructive Testing	Material Handling in Mines	

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AERONAUTICAL ENGINEERING (21-AE)	Vibration and Aero-elasticity	E2	E3	E4	OE2
		Space Mechanics	Experimental Aerodynamics	Industrial Aerodynamics	Remote Sensing & GIS
		Rockets and Missiles			Data Structures
		Wind Tunnel Technique	Hypersonic Aerodynamics	Turbo Machinery	Artificial Intelligence
					Python Programming
			Advanced Computational Aerodynamics	Theory of Combustion	Java Programming
					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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MINING ENGG. (25-MNE)	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
				Fundamentals of Biomedical Applications	
			Risk Assessment and Management	Dimensional Stone Technology	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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PETROLEUM ENGINEERING (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
			Artificial Intelligence		
		Natural Gas Processing	Petroleum Reservoir Stimulation	Python Programming	
				Java Programming	
				Fundamentals of Biomedical Applications	
		Petrochemical Engineering	Petroleum Reservoir Modelling & Simulation	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					
Surface Engineering					
Health & Safety in Mines					
Offshore Engineering	Material Handling in Mines				

Date:06-01-2022

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CONTROLLER OF EXAMINATIONS

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.
- (iii) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R18 REGULATION