

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## IV YEAR B.TECH – I SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2021-(IN OFFLINE MODE)

### TIME TABLE

**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	08-11-2021 FN MONDAY	08-11-2021 AN MONDAY	09-11-2021 FN TUESDAY	09-11-2021 AN TUESDAY	10-11-2021 FN WEDNESDAY
<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
					Basic Mechanical Engineering
					Natural Gas Engineering
					Engineering Materials
Surface Engineering					
Health & Safety in Mines					
Material Handling in Mines					

**Date: 30-10-2021**

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**IV YEAR B.TECH – I SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2021-(IN OFFLINE MODE)**

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<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  (02-EEE)	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
					Basic Mechanical Engineering
					Natural Gas Engineering
		Engineering Materials			
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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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<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
					Fundamentals of Biomedical Applications
			Digital Image Processing		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
					Basic Mechanical Engineering
		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
			Basic Mechanical Engineering			
			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
					Artificial Intelligence
			MEMS and its applications	Computer Networks	Python Programming
					Java Programming
					Electronic Sensors
					Utilization of Electrical Energy
			Artificial Neural Networks	Artificial Neural Networks	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Basic Mechanical Engineering
					Natural Gas Engineering
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<b>INFORMATION TECHNOLOGY</b>  (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	
			High Performance Computing	Distributed Databases	Electronic Sensors
					Utilization of Electrical Energy
			Artificial Intelligence		Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
			Cloud Computing		Intellectual Property Rights
					Principles of Entrepreneurship
			Ad-hoc & Sensor Networks		Basic Mechanical Engineering
					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
					Basic Mechanical Engineering
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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
			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 Material Handling in Mines
				Non-Destructive Testing	Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy

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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		
		AERONAUTICAL ENGINEERING (21-AE)	Vibration and Aero-elasticity	Space Mechanics	Experimental Aerodynamics	Industrial Aerodynamics	Utilization of Electrical Energy
							Electric Drives and Control
							Basic Mechanical Engineering
							Intellectual Property Rights
							Principles of Entrepreneurship
							Basic Mechanical Engineering
							Natural Gas Engineering
Engineering Materials							
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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
			Rock Fragmentation Engineering	Mine Systems Engineering	Artificial Intelligence
					Python 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
					Intellectual Property Rights
					Principles of Entrepreneurship
			Basic Mechanical 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
			Artificial Intelligence		
		Petroleum Reservoir Stimulation	Petroleum Reservoir Modelling & Simulation	Natural Gas Processing	Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
		Chemical Reaction Engineering	Petrochemical Engineering	Electronic Sensors	
				Utilization of Electrical Energy	
				Electric Drives and Control	
				Basic Mechanical Engineering	
		Offshore Engineering	Basics of Aeronautical Engineering		
			Intellectual Property Rights		
			Principles of Entrepreneurship		
Basic Mechanical Engineering					
	Engineering Materials				
	Surface Engineering				
	Health & Safety in Mines				
	Material Handling in Mines				

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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