

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

IV YEAR B.TECH – I SEMESTER– R18 REGULATION COMPUTER BASED TEST (CBT) MARCH-2022

TIME TABLE

BRANCH	DATE, DAY AND SESSION				
	29-03-2022 TUESDAY		30-03-2022 WEDNESDAY		31-03-2022 THURSDAY
	10.00 AM TO 10.45 AM	2.00 PM TO 2.45 PM	10.00 AM TO 10.45 AM	2.00 PM TO 2.45 PM	10.00 AM TO 10.45 AM
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
			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: 19-03-2022

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ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Fundamentals of Management for Engineers	---	E3	E4	OE2	
					Data Structures	
				Digital Control systems	HVDC Transmission	Artificial Intelligence
				Digital Signal Processing	Power System Reliability	Remote Sensing & GIS
				Electrical and Hybrid Vehicles	Industrial Electrical Systems	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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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	Artificial Intelligence
		MEMS	Renewable Energy Sources	Fluid Power Systems	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
			Artificial Neural Networks	Biomedical Instrumentation	Data Structures
					Artificial Intelligence
			Scripting Languages	Database Management Systems	Remote Sensing & GIS
					Python Programming
			Digital Image Processing	Network Security and Cryptography	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	
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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
					Electronic Sensors
					Utilization of Electrical Energy
			Introduction to Embedded Systems	Real Time Systems	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
				Soft Computing	Intellectual Property Rights
					Principles of Entrepreneurship
			Artificial Intelligence		Natural Gas Engineering
					Engineering Materials
			Cloud Computing	Internet of Things	Surface Engineering
					Health & Safety in Mines
			Ad-hoc & Sensor Networks	Software Process & Project Management	Material Handling in Mines

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ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	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
			Artificial Neural Networks	Artificial Neural Networks	Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
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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
					Principles of Entrepreneurship
			Cloud Computing		Natural Gas Engineering
			Ad-hoc & Sensor Networks		Engineering Materials
				Surface Engineering	
				Health & Safety 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	Renewable Energy Sources	Flexible Manufacturing Systems	Advanced Kinematics and Dynamics of Machinery	Artificial Intelligence Python Programming
		Advanced Data Structures			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	
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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
				Computational Materials Engineering	Data Structures
					Artificial Intelligence
			Ceramics Science and Technology	Python Programming	Java Programming
				Fundamentals of Biomedical Applications	Electronic Sensors
				Utilization of Electrical Energy	Electric Drives and Control
			Bio Materials	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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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			Artificial Intelligence
		Hypersonic Aerodynamics	Turbo Machinery	Python Programming	
		Advanced Computational Aerodynamics		Java Programming	
			Theory of Combustion	Fundamentals of Biomedical Applications	
				Electronic Sensors	
		Utilization of Electrical Energy			
		Natural Gas Engineering	Electric Drives and Control		
			Basic Mechanical Engineering		
			Intellectual Property Rights		
		Engineering Materials	Principles of Entrepreneurship		
			Surface Engineering		
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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
				Mine Systems Engineering	Data Structures
			Rock Fragmentation Engineering	Dimensional Stone Technology	Artificial Intelligence
					Python Programming
			Risk Assessment and Management	Fundamentals of Biomedical Applications	
				Electronic Sensors	
				Utilization of Electrical Energy	
				Electric Drives and Control	
				Basic Mechanical Engineering	
				Basics of Aeronautical Engineering	
				Intellectual Property Rights	
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PETROLEUM ENGINEERING (27 - PTME)	Petroleum Economics, Policies & Laws	E2	E3	E4	OE2
		Optimization of Upstream Processes	Shale Gas Reservoir Engineering Petroleum Reservoir Stimulation	Pipeline Maintenance Engineering Natural Gas Processing	Remote Sensing & GIS
					Data Structures
					Artificial Intelligence
		Chemical Reaction Engineering	Petroleum Reservoir Modeling & Simulation	Petrochemical Engineering	Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
		Offshore Engineering	Petroleum Reservoir Modeling & Simulation	Petrochemical Engineering	Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
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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.