

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 500 085**  
**EXAMINATION BRANCH**

**IV YEAR B.TECH - II SEMESTER– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2022**  
**TIME TABLE**

TIME → FN :9.45 AM TO 12:45 PM

BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY	23-07-2022 SATURDAY	02-08-2022 TUESDAY
CIVIL ENGINEERING (01-CE)	Construction Management (Common to CE, CEE)	E1 Rehabilitation and Retrofitting of Structures	Geo Environmental Engineering	Prestressed Concrete Structures	Design and Drawing of Irrigation Structures
			Solid Waste Management		
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Principles of Reliability Engineering	Fundamentals of HVDC and FACTS Devices	Advanced Control Systems	EHV AC Transmission	
	Renewable Energy Sources				
	Neural Networks and Fuzzy Logic		Nanotechnology		

DATE:21-06-2022

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<b>MECHANICAL ENGINEERING (03-ME)</b>	Production Planning and Control (Common to ME, MECT)	Artificial Neural Networks (Common to ME, MECT, MSNT)	Computational fluid dynamics (Common to ME, MSNT)	-	Plant layout and Material Handling (Common to ME, AME)
		Maintenance and Safety Engineering (Common to ME, AME, MSNT)	Gas Dynamics		
		Total Quality Management	Jet Propulsion & Rocket Engineering		
			Renewable Energy Sources (Common to ME, AME, MSNT)		
<b>ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)</b>	Network Security (Common to ECE, ETM)	Artificial Neural Networks	RF Circuit Design (Common to ECE, ETM)	Wireless communications and networks (Common to ECE, ETM)	Digital signal processors and architectures
	Radar Systems (Common to ECE, ETM)	Biomedical Instrumentation			
	Telecommunication Switching Systems and Networks	Satellite Communications (Common to ECE, ETM)			

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<b>COMPUTER SCIENCE AND ENGINEERING (05-CSE)</b>	Management Science (Common to CSE, IT)	Information Security Incident Response & Management (Security Analyst 3) (Common to CSE, IT)	Database Security	Ad hoc and Sensor Networks (Common to CSE, IT)	Multimedia & Rich Internet Applications- (Common to CSE, IT)
		Predictive Analytics (Associate Analytics 3) (Common to CSE, IT)			
		Scripting Languages	Embedded Systems		
		Semantic Web and Social Networks	Storage Area Networks (Common to CSE, IT)		
		Web Services			
<b>CHEMICAL ENGINEERING (08-CHEM)</b>	Industrial Pollution & Control Engineering	Fluidization Engineering	Energy Engineering	--	--
		Membrane Technology - (Common to CHEM, PTME)	Food Processing Technology		
		Technology of Pharmaceuticals and Fine Chemicals	Industrial safety and Hazard management		

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Digital Image Processing	MEMS Application	Instrumentation Practice in Industries	E2 Reliability Engineering (Common to EIE, BME, AME)	
	Power Plant Instrumentation		SCADA & DCS		
	Neural Networks and Fuzzy Logic (Common to EEE, EIE)				
<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	Biomaterials	Telemedicine	Medical Informatics	E2 Reliability Engineering - (Common to EIE, BME, AME)	Biometric Systems
		Transportation Phenomena in living systems			

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**IV YEAR B.TECH - II SEMESTER– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2022**

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<b>INFORMATION TECHNOLOGY (12-IT)</b>	Management Science (Common to CSE, IT)	E - Commerce	Storage Area Networks (Common to CSE, IT)	Ad hoc and Sensor Networks (Common to CSE, IT)	Multimedia & Rich Internet Applications (Common to CSE, IT)
		Middleware Technologies			
		Information Security Incident Response & Management (Security Analyst-3) (Common to CSE, IT)	Machine Learning		
		Predictive Analytics (Associate Analytics-3) (Common to CSE, IT)	Artificial Intelligence		
<b>MECHANICAL ENGINEERING - MECHATRONICS (14-MECT)</b>	Concurrent Engineering	Artificial Neural Networks (Common to ME,MECT,MST)	Automation in Manufacturing (Common to MECT, AME)	E1 MEMS Design	
		Mathematical Modeling and Simulation			
	Plant Engineering & Maintenance	MATLAB Applications			
	Production Planning and Control (Common to ME, MECT)	Principles of Entrepreneurship (Common to MECT, ACE)			

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<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	Network Security (Common to ECE, ETM)	Cellular and Mobile Communications	Internetworking	Wireless communications and networks (Common to ECE, ETM)	
	Radar Systems (Common to ECE, ETM)	Microwave Engineering	Pattern Recognition		
		Satellite Communications	RF Circuit Design (Common to ECE, ETM)		
<b>METALLURGICAL AND MATERIALS ENGINEERING (18-MMT)</b>	Composite Materials	Nano Materials	Selection of Materials for Engineering Applications	Ferro Alloy Technology	Advanced Materials
		Nuclear Metallurgy	Super Alloys		
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Avionics & Instrument Systems	Airport Planning and Operations	Aero elasticity	Wind Engineering and Industrial Aerodynamics	Heat Transfer
		Analysis of Composite Structures	Launch Vehicle and Missile Technology		
		Helicopter Engineering			
		Hypersonic Aerodynamics			

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<b>BIO TECHNOLOGY (23-BT)</b>	Bioprocess optimization and plant design	Food Biotechnology	Clinical Trials & Regulatory Affairs		
		Nanobiotechnology	Metabolic Engineering		
<b>AUTOMOBILE ENGINEERING (24-AME)</b>	Alternative Fuels for Automobiles	Maintenance and Safety Engineering (Common to ME, AME, MSNT)	Automation in Manufacturing (Common to MECT, AME)	E3 Reliability Engineering (Common to EIE, BME, AME)	Plant layout and Material Handling (Common to ME,AME)
			Renewable Energy Sources (Common to ME, AME, MSNT)		
		Product Design and Assembly Automation	Principles of Entrepreneurship	Vehicle Transport Management	
<b>MINING ENGINEERING (25 - MIE)</b>	Mine Ground Control	Mine Electrical Engineering	Deep Seam Mining	Planning of Underground Metal Mining Project	
		Planning of Surface Mining Project	Geological & Technological factors of Coal Gasification CBM, Shale Gab		
		Planning of Underground Coal Mining Project	Maintenance & Reliability Engineering		
			Mine Health & Safety Engineering		

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<b>PETROLEUM ENGINEERING (27 - PTME)</b>	--	Membrane Technology (Common to CHEM, PTME)	Advanced Natural Gas Engineering	Petroleum Engineering Economics, Policies & Laws	Reservoir Stimulation
		Multi phase Flow in Porous Media	Green Fuel Technologies		
		Reservoir Modeling & Simulation	Natural Gas Hydrates Transport Phenomena		
<b>CIVIL AND ENVIRONMENTAL ENGINEERING (28 - CEE)</b>	Construction Management (Common to CE, CEE)	Environmental Impact Assessment	Ground Improvement Techniques		
			Ground Water Pollution		
			Water Quality Management		

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<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE AND NANO TECHNOLOGY) (29 - MSNT)</b>	Nano Composites	Artificial Neural Networks (Common to ME,MECT,MSNT)	Renewable Energy Sources (Common to ME, AME, MSNT)	Biomedical application of Nanotechnology	
		Maintenance and Safety Engineering(Common to ME, AME, MSNT)	Computational fluid dynamics (Common to ME,MSNT)	Nanotechnologies for Water and Environment Applications	
				Nanotechnology for Energy Systems	
				Nanotoxicology	
<b>AGRICULTURE ENGINEERING (30 - ACE)</b>	Design of Agricultural Machinery	Agricultural and Farm Structures	Design of Tractors		
		Hydraulic Devices and Control	GIS and Remote Sensing		
		Principles of Entrepreneurship MECT, ACE)	Human Engineering and Safety		

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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.