

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 500 085**  
**E X A M I N A T I O N B R A N C H**

**IV YEAR B.TECH - II SEMESTER– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2021**  
**REVISED TIME T A B L E**

**TIME→FN: 9.45 AM TO 12.45 PM**

<b>BRANCH</b>	<b>05-07-2021 Monday</b>	<b>07-07-2021 Wednesday</b>	<b>09-07-2021 Friday</b>	<b>12-07-2021 Monday</b>	<b>14-07-2021 Wednesday</b>
<b>CIVIL ENGINEERING (01-CE)</b>	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		

**DATE:28-06-2021**

**Sd/-**  
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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>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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<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</b>	Bioprocess optimization and plant design	Food Biotechnology	Clinical Trials & Regulatory Affairs		

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(23-BT)		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 Gas		
		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	Green Fuel Technologies		

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		Porous Media		
		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</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	Computational fluid dynamics	Nanotechnologies for Water and	



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<b>TECHNOLOGY)</b> <b>(29 - MSNT)</b>		ME, AME, MSNT)	(Common to ME,MSNT)	Environment Applications	
				Nanotechnology for Energy Systems	
				Nanotoxicology	
<b>AGRICULTURE ENGINEERING</b> <b>(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.