

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

**IV YEAR B.TECH - II SEMESTER– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2020**

**REVISED TIME TABLE**

TIME → FN: 10.30 AM TO 12.30 PM

BRANCH	16-09-2020 WEDNESDAY	18-09-2020 FRIDAY	20-09-2020 SUNDAY	25-09-2020 FRIDAY	27-09-2020 SUNDAY
<b>CIVIL ENGINEERING (01-CE)</b>	Construction Management (Common to CE, CEE)	E1 Rehabilitation and Retrofitting of Structures	Geo Environmental Engineering	Design and Drawing of Irrigation Structures	Prestressed Concrete Structures
			Solid Waste Management		
<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)	---
			Gas Dynamics		
		Maintenance and Safety Engineering (Common to ME, AME, MSNT)	Jet Propulsion & Rocket Engineering		
		Total Quality Management	Renewable Energy Sources (Common to ME, AME, MSNT)		

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<b>ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)</b>	Network Security (Common to ECE, ETM)	Artificial Neural Networks	RF Circuit Design (Common to ECE, ETM)	Digital signal processors and architectures	Wireless communications and networks (Common to ECE, ETM)
	Radar Systems (Common to ECE, ETM)	Biomedical Instrumentation			
	Telecommunication Switching Systems and Networks	Satellite Communications (Common to ECE, ETM)			
<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				
<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	Biomaterials	Telemedicine		Biometric Systems	E2 Reliability Engineering - (Common to EIE, BME, AME)
		Transportation Phenomena in living systems	Medical Informatics		
			Robotics and Automation		

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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
	Plant Engineering & Maintenance	Mathematical Modeling and Simulation			
		MATLAB Applications			
		Principles of Entrepreneurship (Common to MECT, ACE)			
Production Planning and Control (Common to ME, MECT)					
<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)
		Microwave Engineering	Pattern Recognition		
	Radar Systems (Common to ECE, ETM)		RF Circuit Design (Common to ECE, ETM)		
		Satellite Communications			

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METALLURGICAL AND MATERIALS ENGINEERING (18-MMT)	Composite Materials	Nano Materials	Selection of Materials for Engineering Applications	Advanced Materials	Ferro Alloy Technology
		Nuclear Metallurgy	Super Alloys		
AERONAUTICAL ENGINEERING (21-AE)	Avionics & Instrument Systems	Airport Planning and Operations	Aero elasticity	Heat Transfer	Wind Engineering and Industrial Aerodynamics
		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)	Plant layout and Material Handling (Common to ME, AME)	E3 Reliability Engineering (Common to EIE, BME, AME)
			Renewable Energy Sources (Common to ME, AME, MSNT)		
		Product Design and Assembly Automation	Principles of Entrepreneurship		
<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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PETROLEUM ENGINEERING (27 - PTME)	----	Membrane Technology (Common to CHEM, PTME)	Advanced Natural Gas Engineering	Reservoir Stimulation	Petroleum Engineering Economics, Policies & Laws
		Multi phase Flow in Porous Media	Green Fuel Technologies		
		Reservoir Modeling & Simulation	Natural Gas Hydrates Transport Phenomena		
CIVIL AND ENVIRONMENTAL ENGINEERING (28 - CEE)	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.