

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

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

**TIME TABLE**

**TIME→ FN: 10.30 AM TO 12.30 PM**

<b>BRANCH</b>	<b>16-09-2020 WEDNESDAY</b>	<b>18-09-2020 FRIDAY</b>	<b>21-09-2020 MONDAY</b>	<b>23-09-2020 WEDNESDAY</b>	<b>25-09-2020 FRIDAY</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		
<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)		

**DATE: 31-08-2020**

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

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E X A M I N A T I O N B R A N C H**

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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)	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>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		E2 Reliability Engineering - (Common to EIE, BME, AME)	Biometric Systems
		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	
		Mathematical Modeling and Simulation			
	Plant Engineering & Maintenance	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)	Satellite Communications	RF Circuit Design (Common to ECE, ETM)		

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<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	
		Planning of Surface Mining Project	Geological & Technological factors of Coal Gasification CBM, Shale Gab		

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		Planning of Underground Coal Mining Project	Maintenance & Reliability Engineering	Mining Project	
			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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