

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS NOV/DEC-2020**

T I M E T A B L E

TIME → FN: 10.30 AM TO 12.30 PM

BRANCH	12-11-2020 THURSDAY	17-11-2020 TUESDAY	20-11-2020 FRIDAY	24-11-2020 TUESDAY	27-11-2020 FRIDAY	2-12-2020 WEDNESDAY
<b>CIVIL ENGINEERING</b>  <b>(01-CE)</b>	Design of Steel Structures	Environmental Engineering	Soil Mechanics	<b>E1</b>	<hr style="width: 10%; margin: auto;"/>	<b>(OE2)</b>
				Air Pollution and Control.		Artificial Neural Networks
				Advanced Structural Analysis.		Cyber Security
				Ground Water Development and Management		Coal Gasification, Coal Bed Methane and Shale Gas
				Earth and Rock fill Dams and Slope Stability		Data Structures
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Energy Storage Systems
						Entrepreneurship and Small Business Enterprises
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Introduction to Mechatronics
						Java Programming
						Medical Electronics
						Metallurgy of Non Metallurgists
	Non-Conventional Energy Sources					
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Robotics					
	Software Testing Methodologies					
	Soft Computing Techniques					
	Science and Technology of Nano Materials					
	World Class Manufacturing					

Date:22-10-2020

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<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  (02-EEE)	Power Systems Analysis	Power Electronics	Switch Gear and Protection	E1	E1	(OE2)
				Linear Systems Analysis	Computer Organization (common EEE.ECM)	Artificial Neural Networks
				Linear and Digital IC Applications		Cyber Security
				Electrical and Electronics Instrumentation		Coal Gasification, Coal Bed Methane and Shale Gas
						Data Structures
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Geo-Informatics
						Fabrication Processes
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						Intellectual Property Rights
						Java Programming
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<b>MECHANICAL ENGINEERING</b>  <b>(03-ME)</b>	Thermal Engineering –II	E1	Heat Transfer	Design of Machine Members-II	E1	(OE2)		
		Finite Element Methods			Refrigeration and Air Conditioning	Cyber Security	Coal Gasification, Coal Bed Methane and Shale Gas	
						Data Structures	Design Estimation and Costing of Electrical Systems	
					Energy Management and Conservation	Environmental Impact Assessment		
					Machine Tool Design	Entrepreneurship and Small Business Enterprises	Energy Storage Systems	Geo-Informatics
						IC Engines and Gas Turbines	Industrial Electronics	Introduction to Mechatronics
							Industrial Management	Introduction to Aerospace Engineering
					Introduction to Material Handling		Intellectual Property Rights	
					Java Programming		Medical Electronics	
					Metallurgy of Non Metallurgists		Non-Conventional Energy Sources	
					Optimization Technique		Principles of Computer Communications and Networks	
					Robotics		Remote Sensing and GIS	
					Software Testing Methodologies		Soft Computing Techniques	
					Science and Technology of Nano Materials			

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<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  <b>(04-ECE)</b>	Antennas and Wave Propagation	Microprocessors and Microcontrollers	Digital Signal Processing	E1	----	( OE2)
				Computer organization and operating system	Artificial Neural Networks	
				Digital Image Processing	Cyber Security	
				Spread Spectrum Communications	Coal Gasification, Coal Bed Methane and Shale Gas	
				Digital system Design	Data Structures	
				Artificial Neural Networks		
				Cyber Security		
				Coal Gasification, Coal Bed Methane and Shale Gas		
				Data Structures		
				Design Estimation and Costing of Electrical Systems		
				Energy Management and Conservation		
				Environmental Impact Assessment		
				Entrepreneurship and Small Business Enterprises		
				Energy Storage Systems		
				Geo-Informatics		
				Fabrication Processes		
				Fundamentals of Robotics		
				Industrial Electronics		
				Industrial Management		
				Introduction to Mechatronics		
Introduction to Aerospace Engineering						
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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING  (10-EIE)</b>	Process Dynamics and Control	Analytical Instrumentation	Digital Signal Processing Common	E1	E1	(OE2)
				Principles of Communications	Object Oriented Programming through JAVA	Artificial Neural Networks
				Virtual Instrumentation		Coal Gasification, Coal Bed Methane and Shale Gas
				Hydraulic And Pneumatic Control Systems		Data Structures
						Cyber Security
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
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<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	Biomedical Signal Processing	Bio Fluid Mechanics	Digital Signal Processing	E1	E1	<b>(OE2)</b>
						Artificial Neural Networks
						Coal Gasification, Coal Bed Methane and Shale Gas
				Laser and Fiber Optic Instrumentation	VLSI Design	Data Structures
				Biological Control Systems		Cyber Security
				General Surgery and Radiology		Metallurgy of Non Metallurgists
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
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<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	Dynamics of Machinery	CAD/CAM	Motion Control Design	<b>E1</b>	-	<b>(OE2)</b>
				Machine Drawing		Cyber Security
				Total Quality Management		Coal Gasification, Coal Bed Methane and Shale Gas
				Unconventional Machining Processes		Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
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<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	Antennas and Wave Propagation	Microprocessors and Microcontrollers	Digital Signal Processing	<b>E1</b>	-	<b>(OE2)</b>
				Computer organization and operating system		Artificial Neural Networks
				Electronic Measurements and Instrumentation		Cyber Security
				Spread Spectrum Communications		Coal Gasification, Coal Bed Methane and Shale Gas
				Antennas and Wave Propagation		Data Structures
				Digital system Design		Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
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<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  <b>(18-MMT)</b>	Steel Making	Welding Metallurgy	Foundry Technology	<b>E1</b>	-	<b>(OE2)</b>
				Non Ferrous Extractive Metallurgy	Artificial Neural Networks	
				Surface Engineering	Cyber Security	
				Electronic and Magnetic Materials	Coal Gasification, Coal Bed Methane and Shale Gas Data Structures	
					Design Estimation and Costing of Electrical Systems	
					Energy Management and Conservation	
					Environmental Impact Assessment	
					Entrepreneurship and Small Business Enterprises	
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<b>ELECTRONICS AND COMPUTER ENGINEERING</b>  <b>(19-E.COMP.E)</b>	Computer Networks	Microprocessors and Microcontrollers	Digital Signal Processing	E1	E1	(OE2)
				Database Management Systems	Computer Organization (common EEE.ECM)	Artificial Neural Networks
				Information Systems		Coal Gasification, Coal Bed Methane and Shale Gas
				Data Structures		Cyber Security
						Medical Electronics
						Geo-Informatics
						Intellectual Property Rights
						Environmental Impact Assessment
						Java Programming
						Data Structures
						Energy Management and Conservation
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						Design Estimation and Costing of Electrical Systems
						Industrial Management
						Industrial Electronics
						World Class Manufacturing
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						Fabrication Processes
		Introduction to Material Handling				
		Introduction to Aerospace Engineering				
		Introduction to Mechatronics				
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<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Aircraft Systems	<b>E1</b>	Aircraft Stability and Control	Rocket and Spacecraft Propulsion	<b>E1</b>	<b>(OE2)</b>
		Artificial Neural Networks				
		Cyber Security				
		Coal Gasification, Coal Bed Methane and Shale Gas Data Structures				
		Experimental Aerodynamics			Design Estimation and Costing of Electrical Systems	
					Energy Management and Conservation	
					Environmental Impact Assessment	
		Mechanisms and Mechanical Design			Entrepreneurship and Small Business Enterprises	
					Energy Storage Systems	
		Unmanned Air Vehicle (UAV) Systems			Fabrication Processes	
					Fundamentals of Robotics	
					Geo-Informatics	
					Industrial Electronics	
		Finite Element Methods			Industrial Management	
					Metallurgy of Non Metallurgists	
					Introduction to Material Handling	
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<b>AUTOMOBILE ENGINEERING (24-AME)</b>	Thermal Engineering - II	E1	Mechanics of Fluids and Hydraulics Machinery	Design of Machine Members - I	E1	(OE2)
		CAD/C AM			Automobile Air Conditioning	Cyber Security
		Automotive Chassis and Suspension			Medical Electronics	Coal Gasification, Coal Bed Methane and Shale Gas
		Vehicle Dynamics			Geo-Informatics	Intellectual Property Rights
					Environmental Impact Assessment	Java Programming
					Optimization Technique	Metallurgy of Non Metallurgists
					Energy Management and Conservation	Energy Storage Systems
					Entrepreneurship and Small Business Enterprises	Principles of Computer Communications and Networks
					Soft Computing Techniques	Design Estimation and Costing of Electrical Systems
					Industrial Management	Industrial Electronics
					World Class Manufacturing	Fundamentals of Robotics
					Fabrication Processes	Introduction to Material Handling
					Introduction to Material Handling	Remote Sensing and GIS
					Remote Sensing and GIS	Introduction to Aerospace Engineering
					Introduction to Aerospace Engineering	Introduction to Mechatronics
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<b>MINING ENGINEERING (25 - MIE)</b>	Surface Mining Technology	Mineral Process Engineering	Rock Mechanics	<b>E1</b>	—	<b>(OE2)</b>
				Mine Systems Engineering		Introduction to Aerospace Engineering
				Remote Sensing and GIS in Mining		Data Structures
				Dimensional Stone Technology		Artificial Neural Networks
				Mineral Exploration		Medical Electronics
						Remote Sensing and GIS
						Geo-Informatics
						Intellectual Property Rights
						Environmental Impact Assessment
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<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Drilling Technology	Petroleum Reservoir Engineering	E1	E1  Natural Gas Processing  Petrochemical Engineering	Petroleum Refinery Engineering	(OE2)
			Pipeline Engineering			Artificial Neural Networks
						Coal Gasification, Coal Bed Methane and Shale Gas
						Cyber Security
						Medical Electronics
						Geo-Informatics
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<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING</b>  <b>(28-C E E)</b>	Design of Steel Structures	Water Resources Engineering	Waste Water Engineering	E1	-	(OE2)
				Air Pollution and Control		Introduction to Aerospace Engineering
				Watershed Management		Data Structures
				Environmental Sanitation		Artificial Neural Networks
				Environmental Chemistry		Coal Gasification, Coal Bed Methane and Shale Gas
						Medical Electronics
						Remote Sensing and GIS
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Sd/-

**CONTROLLER OF EXAMINATIONS**

Date: 22-10-2020

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS NOV/DEC-2020**

T I M E T A B L E

TIME → FN: 10.30 AM TO 12.30 PM

BRANCH	12-11-2020 THURSDAY	17-11-2020 TUESDAY	20-11-2020 FRIDAY	24-11-2020 TUESDAY	27-11-2020 FRIDAY	2-12-2020 WEDNESDAY
<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY)</b>  <b>(29 – MSNT)</b>	Engineering Metrology	Finite Element Methods	Properties of Nano Materials	E1	Refrigeratio n and Air conditioning	(OE2)
				Mechanical Vibrations		Artificial Neural Networks
						Coal Gasification, Coal Bed Methane and Shale Gas
						Cyber Security
						Medical Electronics
						Software Testing Methodologies
						Science and Technology of Nano Materials
						Geo-Informatics
						Data Structures
				Operations Research		Intellectual Property Rights
						Environmental Impact Assessment
						Java Programming
				Maintenance and Safety Engineering		Optimization Technique
						Metallurgy of Non Metallurgists
						Energy Management and Conservation
						Energy Storage Systems
						Entrepreneurship and Small Business Enterprises
						Principles of Computer Communications and Networks
						Soft Computing Techniques
						Design Estimation and Costing of Electrical Systems
	Industrial Management					
	Industrial Electronics					
	Introduction to Aerospace Engineering					
	World Class Manufacturing					
	Fundamentals of Robotics					
	Fabrication Processes					
	Introduction to Mechatronics					
	Remote Sensing and GIS					

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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.