

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

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

**IV YEAR B.TECH - I SEMESTER– R09 REGULATION SUPPLEMENTARY EXAMINATIONS MAY/JUNE-2019**

## T I M E T A B L E

**T I M E : 2.00 PM TO 5:00 PM**

BRANCH	22-05-2019 WEDNESDAY	24-05-2019 FRIDAY	27-05-2019 MONDAY	03-06-2019 MONDAY	07-06-2019 FRIDAY	10-06-2019 MONDAY	12-06-2019 WEDNESDAY	14-06-2019 FRIDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Ground Water Development And Management	Watershed Management	Estimating & Costing	Pavement Design	Disaster Management and mitigation	Advanced Foundation Engineering	Advanced Structural Design	GIS and Remote Sensing
	Elements of Earthquake Engineering				Finite Element Methods			
					Water Resources planning and management			
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)</b>		Utilization of Electrical Energy	Instrumentat ion	Power System Operation And Control	Digital Control Systems	Optimization Techniques	Switch Gear and Protection	VLSI Design
					High Voltage Engineering	Electrical Distribution Systems		
						Principles Of Digital Signal Processing		

DATE: 28-03-2019

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<b>MECHANICAL ENGINEERING (03-M E)</b>	OPERATIONS RESEARCH	Power Plant Engineering	CAD/CAM	Instrumentation and Control Systems	Robotics	Unconventional Machining Processes	CNC Technology	--
					Mechanical Vibrations			
					Mechatronics	Automation in Manufacturing		
					Composite Materials	Design for Manufacturing		
<b>ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E)</b>	Management Science	Microwave Engineering	Television Engineering	Multimedia and Signal Coding	Computer Networks	EMI EMC	Digital Image Processing	VLSI Design
			Optical Communications			DSP Processors and Architecture		
			Embedded Systems Design			Tele Communication Switching Systems		

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<b>COMPUTER SCIENCE AND ENGINEERING (05-C S E)</b>	Design Patterns	Software Testing Methodologi es	Linux Programming	Cloud Computing	Data Warehousing and Data Mining	Machine Learning	Information Retrieval Systems	Computer Graphics
				Distributed Computing		Soft Computing		
				Mobile Computing				
				Advanced Computer Architecture				
<b>CHEMICAL ENGINEERING (08-C H E M)</b>	Transport Phenomena	Process Dynamics & Control	Chemical Process Equipment Design	Process Modeling and Simulation	Industrial Safety and Hazard Management	Polymer Technology	--	--
						Petroleum and Petrochemical Technology		
						Environmental Bio Technology		

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)</b>	Analytical Instrumentation	Bio Medical Instrumentation	Digital Signal Processing	Telemetry and Telecontrol	Digital Control Systems	Embedded and Realtime Systems	---	VLSI Design
				Optoelectronics & Laser Instrumentation	Computer Networks			
				Robotics and Automation				
<b>BIO-MEDICAL ENGINEERING (11-B M E)</b>	Artificial Neural Networks	Rehabilitation Engineering	Micro processors and Micro Controllers	Image processing and Pattern Recognition	Computer Networks	Embedded & Real Time Systems	--	VLSI Design
	Artificial Intelligence					DSP Processors & Architectures		
	Tele Medicine							

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EXAMINATION BRANCH

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INFORMATION TECHNOLOGY (12-IT)	Semantic Web and Social Networks	Software Testing Methodologies	Object Oriented Analysis and Design	Mobile Application Development	Human Computer Interaction	Soft Computing	Information Retrieval Systems	VLSI Design
	Wireless Networks and Mobile Computing						Multimedia and Rich Internet Applications	
	Image processing and Pattern Recognition				Scripting Languages			

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<b>MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT)</b>	OPERATIONS RESEARCH	Power Plant Engineering	Microprocessors and Micro Controllers	Robotics & its applications	E1 Renewable Energy Sources	Product Design and Assembly Automation	--	Motion Control Design
		Computer Organization				Computational Fluid Dynamics		
		Flexible Manufacturing System				Advanced Data Structures		
		Advanced Kinematics and Dynamics of Machinery						
<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M)</b>	Management Science	Advanced Tele communication Technologies	Optical Communications	Multimedia and Signal Coding	Electronic Measurements and Instrumentation	Spread Spectrum Communications	E1 Digital Image Processing	VLSI Design
			Digital Control Systems			Digital Signal Processors and Architectures		
			Embedded Systems			EMI EMC		

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<b>METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)</b>	Management Science	Electro Metallurgy and Corrosion	Steel Mining	Non Destructive Testing	Ceramic Science and Technology	X- Ray Diffraction	E1 Semi Conductors and Magnetic Materials	--
					Experimental Techniques and Metallography	Metallurgical Problems		
						Polymeric Materials		
<b>ELECTRONICS AND COMPUTER ENGINEERING~19</b>	Design Patterns	Web Technologies	Computer Graphics	Distributed systems	Computer Networks	--	Digital Image Processing	VLSI Design
	Artificial Neural Networks							
	Artificial Intelligence			Mobile Computing				
<b>AERONAUTICAL ENGINEERING (21-A E)</b>	Airframe Structural Design	Mechanical Vibrations and Structural Dynamics	CAD/CAM	Control Theory – Application to Flight Control Systems	Advanced Computational Aerodynamics	Space Mechanics	--	--
						Experimental Aerodynamics		
						Aircraft Maintenance Engineering		
					Flight Scheduling and Operations	Numerical Methods		
					Mechanisms and Mechanical Design			
					Theory of Elasticity			

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<b>INSTRUMENTATION AND CONTROL ENGINEERING~22</b>	Computer aided Design of control Systems	Bio medical Instrumentation	Digital and optimal Control systems	Virtual Instrumentation	Computer Networks	Embedded and Real Time Systems		VLSI DESIGN
				Optoelectronics and Laser instrumentation				
				Telemetry and tele Control				
<b>BIO-TECHNOLOGY~23</b>	Computational Molecular Biology	Bioethics Biosafety And Intellectual Property Rights	Downstream Processing	Bioprocess Optimization and Plant Design	Structural Biology Cancer Biology Crop Improvement	Molecular Pathogenesis		
						Biopharmaceuticals		
						Introduction To Bio Materials		

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<b>AUTOMOBILE ENGG. (24 – AME)</b>	OPERATION S RESEARCH	Metrology & Surface Engineering	CAD/CAM	Instrumentation and Control Systems	Mechatronics	Microprocessor s and Micro Controllers		Automotive chassis and Suspension
						Finite Element Methods		
					Automotive Pollution and Control	Vehicle Body Engineering and Safety		
					Mechanical Vibrations	Computational Fluid Dynamic		
<b>MINING ENGINEERING (25 – MIE)</b>	Mine Systems Engineering	Rock Mechanics	Mineral Processing	Mine Legislation	Rock Slope Engineering	Computer Applications in Mining	--	--
					Mine Subsidence Engineering	Mine Construction Engineering		
					Rock Excavation Engineering	Tunneling Engineering		
					Rock Fragmentation Engineering	Strata Control Technology		

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<b>MINING MACHINERY~26</b>	Mechanical Handling Transport Loading Equipment	Metrology And Machine Tools	Principals Of Tribology	Mine Electrical Engineering	Automobile Engineering	Maintenance Engineering	Underground Production Equipment	
			Mechanical Systems Design			System Modeling And Simulation		
			Micro Processor And Micro Controllers					
<b>PETROLIUM ENGG. (27 – PTME)</b>	Pipeline Engineering	Petroleum Refinery & Petro Chemical	Oil & Gas Processing Plant Design	Health, Safety & Environment in Petroleum Industry	Numerical Methods For Modeling & Simulation	Computational Fluid Dynamics	--	--
						Offshore Engineering		
						Chemical Reaction Engineering		

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<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING (28-C E E)</b>	Environmental Pollution Of Soil & Remediation	---	Estimating & Costing	Principles Of Environmental Chemistry And Microbiology	Finite Element Methods	Air Pollution and Control	----	GIS and Remote Sensing
	Principles Of Industrial Waste Management				Disaster Management And Mitigation Water			
	Design Of Water Supply Systems				Resources Planning And Management			
	Ground Water Development And Management							

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MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	OPERATIONS RESEARCH	---	CAD/CAM	Metrology Instrumentation	Mechatronics	Computational Fluid Dynamics	Modelling and Simulation in Materials Engineering	Carbon Nano Tubes and their Applications
					Mechanical Vibrations		Nano Sensors and Actuators	
					Automation In Manufacturing		MEMS/ NEMS Design and Applications	
							Surface Engineering	

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AGRICULTURE ENGINEERING (30 - ACE)	Micro Irrigation Engineering	Watershed Management	Farm Machinery and Equipments- II	Agro Industries and Bi- product Utilization	Post Harvest Engineering for Horticulture Produce	Computational Fluid Dynamics	Food Processing Plant Design And Layout	
		Mechanical Measurements and Instrumentation					Managerial Economics And Financial Analysis	
							Drying And Storage Engineering	

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.

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