

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH - I SEMESTER– R13 REGULATION- REGULAR/SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER-2017

## TIME TABLE

**TIME : 2.00 PM TO 5:00 PM**

BRANCH	20-11-2017 MONDAY	22-11-2017 WEDNESDAY	24-11-2017 FRIDAY	27-11-2017 MONDAY	29-11-2017 WEDNESDAY	02-12-2017 SATURDAY	05-12-2017 TUESDAY	07-12-2017 THURSDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (COMM. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Water Resources Engineering- II	Advanced Foundation Engineering	Transportation Engineering -II	Advanced Structural Design	Air Pollution and Control (Comm. To CE, CEE)
					Finite Element Methods (Comm. To CE, CEE)		Earth and Rock fill Dams and Slope Stability	
					Water Resources Systems Analysis		Industrial Waste Water Treatment (Comm. To CE, CEE)	
					Digital Control Systems (comm. To EEE, EIE)		Optimization Techniques	
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)</b>	VLSI Design (Comm to EEE, EIE, BME)	Utilization of Electrical Energy	Digital Signal Processing	Power System Operation and Control	High Voltage Engineering	Electrical Distribution Systems	Switch Gear and Protection	--
					Data structures	Electrical Estimation and Costing		

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<b>MECHANICAL ENGINEERING (03-M E)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Power Plant Engineering (Comm. To ME, MCT)	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT)	Unconventional Machining Processes	--	--
					Mechanical Vibrations (Comm. TO ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)		
					Mechatronics (Comm. To ME, AME)	Automation in Manufacturing		
					Mechanics of Composite Materials (Comm. To ME, MSNT)	Design for Manufacturing		
					Industrial Management	Nanotechnology (Comm. To ME, CHEM, BME)		

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<b>ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E)</b>	Management Science (Comm. To ECE, ETM, MMT)	Microwave Engineering	Computer Networks (Comm. To ECE, EIE, BME)	Multimedia and Signal Coding (Comm. To ECE, ETM)	Digital Image Processing (Comm. To ECE, ETM)	Television Engineering	Cellular and Mobile Communications	--
					Object Oriented Programming through Java	Optical Communications (Comm. To ECE, ETM)		
						Embedded Systems Design (Comm. To ECE, ETM)		
<b>COMPUTER SCIENCE AND ENGINEERING (05-C S E)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Design Patterns (Comm. To CSE, IT)	Linux Programming	Cloud Computing	Software Project Management (Comm. To CSE, IT)	Machine Learning	Information Retrieval Systems (Comm. To CSE, IT)	Data Warehousing and Data Mining
	Image processing and Pattern Recognition (Comm. To CSE, IT)					Soft Computing (Comm. To CSE, IT)		
	Big data analytics(Associate analytics-II) (Comm. To CSE, IT)				Mobile Computing	Artificial Intelligence		
	Information Security assessments and credits(security analyst-2) (Comm. To CSE, IT)				Computer Graphics (Comm. To CSE, IT)	Computer Forensics		

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<b>CHEMICAL ENGINEERING (08-C H E M)</b>	Transport Phenomena	Process Dynamics & Control	Chemical Process Equipment Design	Process Modeling and Simulation	Polymer Technology	Nanotechnology (Comm. To ME, CHEM, BME)	--	--
					Petroleum and Petrochemical Technology	Biochemical Engineering		
					Chemical Process Optimization	Computational Fluid Dynamics		
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)</b>	VLSI Design (Comm to EEE, EIE, BME)	Analytical Instrumentation	Computer Networks (Comm. To ECE, EIE, BME)	PC Based Instrumentation	Digital Control Systems (comm. To EEE, EIE)	Telemetry and Telecontrol	Embedded Systems	--
					Medical Instrumentation	Optoelectronics & Laser Instrumentation		
						Robotics and Automation		
<b>BIO-MEDICAL ENGINEERING (11-B M E)</b>	VLSI Design (Comm to EEE, EIE, BME)	Medical Image Processing	Computer Networks (Comm. To ECE, EIE, BME)	Rehabilitation Engineering	Embedded & Real Time Systems	Nanotechnology (Comm. To ME, CHEM, BME)	Biomedical Signal Processing	--
					DSP Processors & Architectures	Lasers & Fiber Optic Instrumentation		
						Artificial Neural Networks		

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<b>INFORMATION TECHNOLOGY (12- I T)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Design Patterns (Comm. To CSE, IT)	Informati on Security	Mobile Application Development	Software Project Management (Comm. To CSE, IT)	Soft Computing (Comm. To CSE, IT)	Information Retrieval Systems (Comm. To CSE, IT)	
	Image processing and Pattern Recognition (Comm. To CSE, IT)				Computer Graphics (Comm. To CSE, IT)			
	Wireless Networks and Mobile Computing				Human Computer Interaction			
	Semantic Web and Social Networks				Scripting Languages			
	Big data analytics(Associate analytics-II) (Comm. To CSE, IT)				Computer Forensics			
	Information Security assessments and credits(security analyst-2) (Comm. To CSE, IT)							

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

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<b>METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)</b>	Management Science (Comm. To ECE, ETM, MMT)	Electro Metallurgy and Corrosion	Material Characterization Techniques	Non Destructive Testing	Ceramic Science and Technology	Semi Conductors and Magnetic Materials	--	--
					X- Ray Diffraction	Metallurgical Problems		
					Light Metals and Alloys	Polymeric Materials		
					Probability & Statistics (Comm. To MMT, AE)			
<b>AERONAUTICAL ENGINEERING (21-A E)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE )	Airframe Structural Design	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Mechanical Vibrations and Structural Dynamics	Probability & Statistics (Comm. To MMT, AE)	Space Mechanics	Control Theory – Application to Flight Control Systems	
					Advanced Computational Aerodynamics	Experimental Aerodynamics		
					Flight Scheduling and Operations	Aircraft Maintenance Engineering		
					Mechanisms and Mechanical Design			
					Theory of Elasticity			

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**IV YEAR B.TECH - I SEMESTER– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER-2017**

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<b>AUTOMOBILE ENGG. (24 – AME)</b>	OPERATION S RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE)	Automotive Electrical and Autotronics	CAD/CA M (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT)	Microprocessors and Micro Controllers (Comm. To MCT, AME)	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Automotive chassis and Suspension
					Mechatronics (Comm. To ME, AME)			
					Metrology & Surface Engineering	Finite Element Methods		
					Automotive Pollution and Control	Vehicle Body Engineering and Safety		
					Mechanical Vibrations (Comm. TO ME, AME, MSNT)			
<b>MINING ENGINEERING (25 – MIE)</b>	OPERATION S RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE)	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		
					Mine Economics			

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<b>PETROLIUM ENGG. (27 – PTME)</b>	Enhanced oil Recovery Techniques	Petroleum Refinery Engineering	Health, Safety & Environment in Petroleum Industry	Petroleum Management, Marketing & Finance	Natural Gas Processing	Offshore Engineering	--	--
					Coal Bed Methane Engineering	Horizontal Well Technology		
					Petro Chemical Engineering	Optimization of Upstream Processes		
					Mass Transfer Operations	Chemical Reaction Engineering-1		
					Material Science			
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING (28-C E E)</b>	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (COMM. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Transportation Engineering	Finite Element Methods (Comm. To CE, CEE)	Solid waste Management	Industrial Waste Water Treatment (Comm. To CE, CEE)	Air Pollution and Control (Comm. To CE, CEE)
					Environmental Sanitation		Environmental Pollution of Soil & Remediation	

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<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY) (29 – MSNT)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE )	Carbon Nano Tubes and their Applications	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Metrology Instrumentation and Control Systems	Robotics (Comm. To ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)	Mechanical behavior of Nano Materials	
					Automobile Engineering		Nano Sensors and Actuators	
					Mechanics of Composite Materials (Comm. To ME, MSNT)		MEMS/ NEMS Design and Applications	
					Mechanical Vibrations (Comm. TO ME, AME, MSNT)		Surface Engineering	

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<b>AGRICULTURE ENGINEERING (30 - ACE)</b>	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME, MIE, MSNT, ACE )	Watershed Management (COMM. To CE, CEE, ACE)	Micro Irrigation Engineering	Farm Machinery and Equipments-II	Agro Industries and Bi- product Utilization	Mechanical Measurements and Instrumentation	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Post Harvest Engineering for Horticulture Produce
	Drying and Storage Engineering							
	Managerial economics & financial Analysis							
	Food processing plant design and layout							

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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