

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**IV YEAR B.TECH - I SEMESTER– R15 REGULATION- II- MID TERM EXAMINATIONS NOVEMBER-2018**

**TIME TABLE**

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

BRANCH	12-11-2018 FN MONDAY	12-11-2018 AN MONDAY	13-11-2018 FN TUESDAY	13-11-2018 AN TUESDAY	14-11-2018 FN WEDNESDAY	14-11-2018 AN WEDNESDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Remote Sensing & GIS	Transportation Engineering -II	Estimating & Costing	Water Resources Engineering-II	<u>ELECTIVE-II</u> Finite Element Methods	<u>ELECTIVE-III</u> Advanced Structural Design
					Advanced Foundation Engineering	Earth and Rock fill Dams and Slope Stability
					Watershed Management	Water Resources Systems Analysis
					Air Pollution and Control	Industrial Waste Water Treatment
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)</b>	Switch Gear and Protection	Utilization of Electrical Energy	Digital Signal Processing	Power System Operation and Control	<u>Elective-I</u> High Voltage Engineering	<u>Elective-II</u> Optimization Techniques
					VLSI Design	Electrical Distribution Systems
					Digital Control Systems	Electrical Estimation and Costing
					Data Structures	

DATE:25-10-2018

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>MECHANICAL ENGINEERING (03-M E)</b>	Operations Research	Power Plant Engineering	CAD/CAM	Instrumentation and Control Systems	<u>ELECTIVE – I</u> Robotics	<u>ELECTIVE – II</u> Unconventional Machining Processes
					Mechanical Vibrations	
					Mechatronics	CNC Technology
					Mechanics of Composite Materials	
					Industrial Management	
	Design for Manufacturing					
	Nanotechnology					
<b>ELECTRONICS AND COMMUNICATIONS ENGINEERING  (04-E C E)</b>	Management Science	Computer Networks	Microwave Engineering	Cellular and Mobile Communications	<u>Elective – I</u> Digital Image Processing	<u>Elective -II:</u> Television Engineering
					Multimedia and Signal Coding	Optical Communications
					Object Oriented Programming through Java	Embedded Systems Design

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<b>COMPUTER SCIENCE AND ENGINEERING (05-C S E)</b>	Cloud Computing	Design Patterns	Data Warehousing and Data Mining	Linux Programming	ELECTIVE – I Software Project Management	ELECTIVE – II Machine Learning
					Image processing and Pattern Recognition	Soft Computing
					Mobile Computing	Information Retrieval Systems
					Computer Graphics	Artificial Intelligence
					Operations Research	Computer Forensics
					Big data analytics(Associate analytics-II)	
					Information Security assessments and audits(security analyst-2)	
<b>CHEMICAL ENGINEERING (08-C H E M)</b>	Transport Phenomena	Process Dynamics & Control	Chemical Process Equipment Design	Process Modeling and Simulation	ELECTIVE-I Biochemical Engineering	ELECTIVE - II Polymer Technology
					Computational Fluid Dynamics	Petroleum and Petrochemical Technology
					Nanotechnology	Chemical Process Optimization
<b>ELECTRONICS AND INSTRUMENTATIO N ENGINEERING (10-E I E)</b>	Analytical Instrumentation	VLSI Design	Embedded Systems	PC Based Instrumentation	Elective –I Telemetry and Telecontrol	Elective – II Computer Networks
					Optoelectronics & Laser Instrumentation	Digital Control Systems
					Robotics and Automation	Medical Instrumentation

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<b>BIO-MEDICAL ENGINEERING (11-B M E)</b>	Medical Image Processing	Computer Networks	Rehabilitation Engineering	Biomedical Signal Processing	<u>ELECTIVE – I</u> Lasers & Fiber Optic Instrumentation	<u>ELECTIVE – II</u> Embedded & Real Time Systems
					Artificial Neural Networks	VLSI Design
					Nanotechnology	DSP Processors & Architectures
<b>INFORMATION TECHNOLOGY (12- I T)</b>	Information Security	Design Patterns	Mobile Application Development	Information Retrieval Systems	<u>ELECTIVE – I</u> Wireless Networks and Mobile Computing	<u>ELECTIVE – II</u> Software Project Management
					Image Processing and Pattern Recognition	Computer Graphics
					Soft Computing	Human Computer Interaction
					Semantic Web and Social Networks	Scripting Languages
					Operations Research	Computer Forensics
					Big data analytics(Associate analytics-II)	
					Information Security assessments and audits( (security analyst-2)	

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

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<b>METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)</b>	Management Science	Electro Metallurgy and Corrosion	Material Characterization Techniques	Non Destructive Testing	<u>ELECTIVE I</u> Ceramic Science and Technology	<u>ELECTIVE II</u> Semi Conductors and Magnetic Materials
					X- Ray Diffraction	Metallurgical Problems
					Light Metals and Alloys	Polymeric Materials
					Probability & Statistics	
<b>AERONAUTICAL ENGINEERING (21-A E)</b>	Airframe Structural Design	Mechanical Vibrations and Structural Dynamics	CAD/CAM	Control Theory – Application to Flight Control Systems	<u>ELECTIVE – I</u> Advanced Computational Aerodynamics	<u>ELECTIVE - II</u> Space Mechanics
					Flight Scheduling and Operations	Experimental Aerodynamics
					Mechanisms and Mechanical Design	Operations Research
					Theory of Elasticity	Aircraft Maintenance Engineering

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<b>AUTOMOBILE ENGG. (24 – AME)</b>	Automotive Electrical and Autotronics	Automotive chassis and Suspension	CAD/CAM	Instrumentation and Control Systems	<u>ELECTIVE – I</u> Metrology & Surface Engineering	<u>ELECTIVE – II</u> Micro Processors and Micro Controllers
					Automotive Pollution and Control	Computational Fluid Dynamics
					Mechatronics	Vehicle Body Engineering and Safety
					Mechanical Vibrations	Operations Research
					Robotics	
<b>MINING ENGINEERING (25 – MIE)</b>	Operations Research	Rock Mechanics	Mineral Processing	Mine Legislation	<u>ELECTIVE-I</u> Rock Slope Engineering	<u>ELECTIVE-II</u> Computer Applications in Mining
					Mine Subsidence Engineering	Mine Construction Engineering
					Rock Excavation Engineering	
					Rock Fragmentation Engineering	Tunneling Engineering
					Mine Economics	Strata Control Technology

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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	<u>ELECTIVE - I</u>	<u>ELECTIVE - II</u>
					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>	Transportation Engineering	Solid waste Management	Estimating & Costing	Air Pollution and Control	<u>ELECTIVE-II</u>	<u>ELECTIVE-III</u>
					Industrial Waste Water Treatment	Environmental Sanitation
					Environmental Pollution of Soil & Remediation	Finite Element Methods
					Watershed Management	Remote Sensing & GIS

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<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY) (29 – MSNT)</b>	Operations Research	Carbon Nano Tubes and their Applications	CAD/CAM	Metrology Instrumentation and Control Systems	<u>ELECTIVE - I</u> Robotics	<u>ELECTIVE - II</u> Mechanical behavior of Nano Materials
					Mechanical Vibrations	Nano Sensors and Actuators
					CNC Technology	MEMS/ NEMS Design and Applications
					Mechanics of Composite Materials	Surface Engineering
					Automobile Engineering	
<b>AGRICULTURE ENGINEERING (30 - ACE)</b>	Micro Irrigation Engineering	Farm Machinery and Equipments-I	Post Harvest Engineering for Horticulture Produce	Agro Industries and Bi- product Utilization	<u>ELECTIVE - I</u> Operations Research	<u>ELECTIVE - II</u> Watershed Planning and Management
					Drying and Storage Engineering	Mechanical Measurements and Instrumentation
					Managerial economics & financial Analysis	Computational Fluid Dynamics
					Food Processing Plant Design and Layout	

- (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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