

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY - HYDERABAD – 5000 85
EXAMINATION BRANCH**

IV YEAR B.TECH – II SEMESTER– R16 REGULATION ADVANCED SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2022

T I M E T A B L E

For or it i

TIME: →FN 9.45 AM TO 12:45 PM

BRANCH	21-09-2022 WEDNESDAY	23-09-2022 FRIDAY	26-09-2022 MONDAY	28-09-2022 WEDNESDAY	30-09-2022 FRIDAY
CIVIL ENGINEERING (01-CE)	E5	E6	OE3	E5	E6
	Waste Management.	Industrial Waste Water Treatment	Air Transportation Systems	Elements of Earthquake Engineering. Common to (CE,CEE)	Geoenvironmental Engineering Common to (CE,CEE)
	Pavement Design		Basics of Thermodynamics		
	Water Resources Systems Analysis.		Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
		Data Analytics	Finite Element Methods for Common to (CE,CEE)		
		Design and Selection of Engineering Materials			
		Disaster Management			
		Electromagnetic Interference and Compatibility			
		Electronic Measuring Instruments			
		Entrepreneur Resource Planning			
		Fundamentals of Liquefied Natural Gas			
		Health & Safety in Mines			
		Health, Safety and Environment in Petroleum Industry			
		Industrial Safety, Health, and Environmental Engineering			
		Introduction to Mechatronics			
		Linux Programming			
		Management Information Systems			
		Microprocessors and Microcontrollers			
		Organizational Behaviour			
		PC Based Instrumentation			
		PHP Programming			
		Production Planning and Control			
		R Programming			
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Rockets and Missiles			
		Sensors and Transducers,			
		Solid Fuel Technology			
		Synthesis of Nanomaterials			
	Telemetry and Telecontrol				
	Total Quality Management				
Design and Drawing of Irrigation Structures.					

Date: 08-09-2022

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ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	E5	E6	OE3	-	
	Artificial Neural Networks and Fuzzy Systems	Smart Electric Grid	Air Transportation Systems		
		Utilization of Electric Power	Basics of Thermodynamics		
			Characterization of Nanomaterials		
		Electric and Hybrid Vehicles	Concepts of Nano Science And Technology		
	Data Analytics				
	Design and Selection of Engineering Materials				
		Electrical Distribution Systems	VLSI DESIGN		
	Wind, Solar and Hybrid Energy Systems		Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
		Entrepreneurship and Small Business Enterprises			
		Environmental Impact Assessment			
		Fundamentals of Liquefied Natural Gas			
	High Voltage Engineering	Health & Safety in Mines			
		Health, Safety and Environment in Petroleum Industry			
		Industrial Safety, Health, and Environmental Engineering			
		Introduction to Mechatronics			
		Linux Programming			
		Microprocessors and Microcontrollers			
		Optimization Techniques in Engineering			
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		R Programming			
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Rockets and Missiles			
	Sensors and Transducers,				
	Solid Fuel Technology				
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	Total Quality Management				

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	E5	E6	OE3	E6	E5
MECHANICAL ENGINEERING (03-ME)	Fluid Power System	Advanced Mechanics of Solids	Air Transportation Systems	Automobile Engineering (ME,MSNT)	Automation in Manufacturing (Common ME, MECT, MSNT)
	Renewable Energy Sources	Unconventional Machining Processes	Characterization of Nanomaterials		
	Production Planning and Control	Advanced Materials Technology	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
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			Fundamentals of Liquefied Natural Gas		
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	E5	E6	OE3	E5	E5
ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)	Network Security and Cryptography	Actuators and Robot Systems	Air Transportation Systems	Optical Communications (Common TO ECE,ETM)	Machine Learning (Common ECE, EIE, BME)
	System Design Using FPGAs	Analog CMOS IC Design	Organizational Behaviour		
			Basics of Thermodynamics		
			Management Information Systems		
			Characterization of Nanomaterials		
			Entrepreneur Resource Planning		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
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COMPUTER SCIENCE AND ENGINEERING (05-CSE)	E5	E6	OE3		
	Information Theory & Coding	Advanced Algorithms	Air Transportation Systems		
	Real-Time Systems (Common to CSE. IT)	Web Services and Service Oriented Architecture	Basics of Thermodynamics		
	Data Analytics (Common to CSE, IT)	Computer Forensics	Characterization of Nanomaterials		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common to CSE. IT)	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
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ELECTRONICS AND INSTRUMENT ATION ENGINEERING (10-EIE)	E5	E5	OE3	E6	E6
	Neural Networks and Fuzzy Logic	MEMS and Applications	Air Transportation Systems	Internet of Things Common EIE,BME, E.Comp.E	Machine Learning (Common ECE,EIE, BME)
	Computer Networks		Basics of Thermodynamics		
	Industrial Data Communications		Characterization of Nanomaterials	Reliability Engineering (Common EIE, AME)	DSP Processors and Architectures (Common To EIE, BME)
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
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	E6	E5	OE3	E5	E6
BIO-MEDICAL ENGINEERING (11-BME)	Bio MEMS	Medical Informatics	Air Transportation Systems	Internet of Things- (Common EIE,BME, E.Comp.E)	Machine Learning
			Basics of Thermodynamics		(Common ECE, EIE, BME)
		Physiological Systems Management	Linux Programming		Biometric Systems
		Embedded System Design	Characterization of Nanomaterials		DSP Processors and Architectures (Common To EIE, BME)
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
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INFORMATION TECHNOLOGY (12-IT)	E5	E6	OE3	-	-
	Steganography and Watermarking	Intrusion Detection System	Air Transportation Systems		
	Real-Time Systems (Common to CSE, IT)	ADHOC and Sensor Networks	Basics of Thermodynamics		
	Data Analytics Common to CSE, IT)	Human Computer Interaction	Telemetry and Telecontrol		
			Characterization of Nanomaterials		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Commn oTo CSE, IT)	Total Quality Management		
			Concepts of Nano Science And Technology		
			Data Analytics		
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MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)	E6	E5	OE3	E6	E5
	Automotive Pollution and Control	Product Design and Assembly Automation	Air Transportation Systems	MEMS Design	Automation in Manufacturing (Common Common ME, MECT MSNT)
			Basics of Thermodynamics		
			Characterization of Nanomaterials		
	Power Plant Engineering	MATLAB Applications	Telemetry and Telecontrol		
			Total Quality Management		
	Computational Fluid Dynamics	Mechanical Vibrations	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
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			Solid Fuel Technology		

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ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)	E6	E6	OE3	E5	-	
	Radar System	Satellite Communications	Air Transportation Systems	Optical Communications Common To ECE,ETM)		
			Basics of Thermodynamics			
			Telemetry and Telecontrol			
	Cloud computing	Characterization of Nanomaterials				
	Wireless and Mobile Adhoc Networks		Total Quality Management	Advanced Telecommunicati on Technologies		
			Concepts of Nano Science And Technology			
			Data Analytics			Database Management Systems
			Design and Selection of Engineering Materials			
			Disaster Management			
			Electromagnetic Interference and Compatibility			
			Entrepreneur Resource Planning	Wireless Communications and Networks		
			Entrepreneurship and Small Business Enterprises			
			Environmental Impact Assessment			
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	E5	E6	OE3	E5	E6
METALLURGICAL AND MATERIALS ENGINEERING (18-MME)	Composite Materials	Advanced Manufacturing Technologies	Air Transportation Systems	Ferroalloys Technology	Advanced Materials
		Nuclear Materials	Basics of Thermodynamics		
	Super Alloys		Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
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ELECTRONICS AND COMPUTER ENGINEERING (19-E.COMP.E)	E5	E5	OE3	E6	E6
	Computer Graphics	VLSI Design (Common to EEE, E.Comp.E)	Air Transportation Systems	Internet of Things (Common EIE, BME, E.Comp.E)	Advanced Computer Architecture
			Basics of Thermodynamics		
	Data Warehousing and Data Mining		Characterization of Nanomaterials		Data Communications
	Real Time Operating Systems		Synthesis of Nanomaterials		
			Concepts of Nano Science And Technology		Multimedia and Rich Internet Applications
			Solid Fuel Technology		
			Design and Selection of Engineering Materials		
			Disaster Management		
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AERONAUTICAL ENGINEERING (21-AE)	E6	E5	(OE3)	E6	E6
	Ground Vehicle Aerodynamics	Helicopter Engineering	Basics of Thermodynamics	Wind Engineering and Industrial Aerodynamics	Heat Transfer
	Aeroelasticity	Fabrication and Machining of Composite Structures	Telemetry and Telecontrol		
		Airlines Planning, Scheduling and Operations	Total Quality Management		
		Hypersonic aerodynamics	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
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BRANCH	21-09-2022 WEDNESDAY	23-09-2022 FRIDAY	26-09-2022 MONDAY	28-09-2022 WEDNESDAY	30-09-2022 FRIDAY
AUTOMOBILE ENGINEERING (24-AME)	E5	E6	OE3	E5	E5
	Finite Element Methods	Maintenance and Safety Engineering	Air Transportation Systems	Reliability Engineering (Common EIE,AME)	Plant Layout and Material Handling
			Total Quality Management		
		Green Engineering Systems	Basics of Thermodynamics		
		Off-road Vehicles	Characterization of Nanomaterials		
			Synthesis of Nanomaterials		
		Vehicle Condition Monitoring	Concepts of Nano Science And Technology	Vehicle Transport Management	
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Linux Programming		
			Management Information Systems		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
	Renewable Energy Sources				
	Rockets and Missiles				
	Sensors and Transducers,				
	Telemetry and Telecontrol				
Solid Fuel Technology					

Sd/-

Date: 08-09-2022

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – II SEMESTER– R16 REGULATION ADVANCED SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2022

T I M E T A B L E

TIME: →FN 9:45 AM TO 12:45 PM

BRANCH	21-09-2022 WEDNESDAY	23-09-2022 FRIDAY	26-09-2022 MONDAY	28-09-2022 WEDNESDAY	30-09-2022 FRIDAY
MINING ENGINEERING G (25 - MNE)	E5	E6	OE3	E5	-
	Environmental Management in Mines	Mine Ventilation	Air Transportation Systems	Planning of Underground Metal Mining Project (E5)	
	Coal Gasification, Coal Bed Methane & Shale Gas	Advanced Environmental Engineering	Synthesis of Nanomaterials		
			Basics of Thermodynamics		
	Computer Applications in Mining	Advanced Underground Coal Mining Technology	Telemetry and Telecontrol		
			Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Total Quality Management		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
	Sensors and Transducers,				

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PETROLEUM ENGINEERING (27 - PTME)	E5	E6	OE3	E5	
	Subsea Engineering	Enhanced Oil Recovery Techniques	Air Transportation Systems	Membrane Technology	
	Natural Gas Hydrates and Coal Bed Methane	Multi-phase Flow in Porous Media	Basics of Thermodynamics		
		Petroleum Management, Marketing and Finance	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Health & Safety in Mines		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
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			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Sensors and Transducers,		
			Solid Fuel Technology		
	Synthesis of Nanomaterials				
	Telemetry and Telecontrol				
	Total Quality Management				

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EXAMINATION BRANCH**

IV YEAR B.TECH – II SEMESTER– R16 REGULATION ADVANCED SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2022

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RANCH	21-09-2022 WEDNESDAY	23-09-2022 FRIDAY	26-09-2022 MONDAY	28-09-2022 WEDNESDAY	30-09-2022 FRIDAY
CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E)	E5	E6	OE3	E6	E5
	Estimation and Costing	Stochastic Hydrology	Air Transportation Systems	Elements of Earthquake Engineering. (Common TO CE,CEE)	Geo environmental Engineering (Common to CE,CEE)
		Traffic Engineering	Basics of Thermodynamics		
		Ground Improvement Techniques	Characterization of Nanomaterials		
	Foundation Engineering		Concepts of Nano Science And Technology		Finite Element Methods for Civil Engineering (Common to CE,CEE)
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
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			Rockets and Missiles		
			Telemetry and Telecontrol		
			Total Quality Management		
			Sensors and Transducers,		
			Synthesis of Nanomaterials		
			Solid Fuel Technology		
			Renewable Energy Sources		

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MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	E6	E5	OE3	E5	E5
	Nano Composites	Tribology	Air Transportation Systems	Automobile Engineering (Common ME, MSNT)	Automation in Manufacturing (Common ME, MECT, MSNT)
			Total Quality Management		
	Carbon Nano Materials and Applications	Mechanics of Composite Materials	Basics of Thermodynamics		
			Renewable Energy Sources		
	MEMS - NEMS Design and Applications		Rockets and Missiles		
	Nano Sensors and Actuators		Telemetry and Telecontrol		
			Remote Sensing and GIS		
			Sensors and Transducers,		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
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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.