

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – II SEMESTER– R16 REGULATION ADVANCED SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

T I M E T A B L E

TIME: →AN 2:15 PM TO 5:15 PM

BRANCH	13-09-2021 MONDAY	15-09-2021 WEDNESDAY	17-09-2021 FRIDAY	21-09-2021 TUESDAY	23-09-2021 THURSDAY
CIVIL ENGINEERING (01-CE)	E5	E6	OE3	E5	E6
	Waste Management. Pavement Design	Industrial Waste Water Treatment	Air Transportation Systems	Elements of Earthquake Engineering. Common to (CE,CEE)	Geoenvironmental Engineering Common to (CE,CEE)
	Water Resources Systems Analysis.		Characterization of Nanomaterials		
		Data Analytics			
		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					
					Finite Element Methods for Common to (CE,CEE)
					Design and Drawing of Irrigation Structures.

Date: 02-09-2021

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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	Basics of Thermodynamics		
		Utilization of Electric Power	Characterization of Nanomaterials	Concepts of Nano Science And Technology		
		Electric and Hybrid Vehicles	Data Analytics	Design and Selection of Engineering Materials		
	Electrical Distribution Systems	VLSI DESIGN	Disaster Management	Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments	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		Introduction to Mechatronics			
	Linux Programming		Microprocessors and Microcontrollers			
	Optimization Techniques in Engineering		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			
	Wind, Solar and Hybrid Energy Systems					
	High Voltage Engineering					

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	E5	E6	OE3	E6	E5
MECHANICAL ENGINEERING (03-ME)	Fluid Power System	Advanced Mechanics of Solids	Air Transportation Systems Characterization of Nanomaterials	Automobile Engineering (ME,MSNT)	Automation in Manufacturing (Common ME, MECT, MSNT)
	Renewable Energy Sources	Unconventional Machining Processes	Concepts of Nano Science And Technology		
	Production Planning and Control	Advanced Materials 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		
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			R Programming		
			Remote Sensing and GIS		
			Renewable Energy Sources		
Rockets and Missiles					
Sensors and Transducers,					
Solid Fuel Technology					
Synthesis of Nanomaterials					
Telemetry and Telecontrol					

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	E5	E6	OE3	E5	E5
ELECTRONICS AND COMMUNICAT ION ENGINEERING (04-ECE)	Network Security and Cryptography	Actuators and Robot Systems	Air Transportation Systems Organizational Behaviour	Optical Communications (Common TO ECE,ETM)	Machine Learning (Common ECE, EIE, BME)
	System Design Using FPGAs	Analog CMOS IC Design	Basics of Thermodynamics Management Information Systems		
		Global Positioning System	Characterization of Nanomaterials Entrepreneur Resource Planning		
	Computer Vision	Concepts of Nano Science And Technology			
		Data Analytics			
		Design and Selection of Engineering Materials			
		Disaster Management			
		Electromagnetic Interference and Compatibility			
		Entrepreneurship and Small Business Enterprises			
		Environmental Impact Assessment			
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		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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	E5	E6	OE3			
COMPUTER SCIENCE AND ENGINEERING (05-CSE)	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		
				Electronic Measuring Instruments		
				Entrepreneur Resource Planning		
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Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						
Remote Sensing and GIS						

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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		
			Electronic Measuring Instruments		
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			Reliability Engineering		
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BIO-MEDICAL ENGINEERING (11-BME)	E6	E5	OE3	E5	E6
	Bio MEMS	Medical Informatics	Air Transportation Systems	Internet of Things- (Common EIE,BME, E.Comp.E)	Machine Learning (Common ECE, EIE, BME)
			Basics of Thermodynamics		
		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		
			Disaster Management		
			Electronic Measuring Instruments		
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Remote Sensing and GIS					
Renewable Energy Sources					
Rockets and Missiles					
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	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		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common To CSE, IT)	Characterization of Nanomaterials		
			Total Quality Management		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
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	Production Planning and Control				
	Reliability Engineering				
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	Renewable Energy Sources				
	Rockets and Missiles				
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				
	Rockets and Missiles				

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<p align="center">MECHANICAL ENGINEERING (MECHATRONICS)</p> <p align="center">(14-MECT)</p>	E6	E5	OE3	E6	E5
	Automotive Pollution and Control	Product Design and Assembly Automation	Air Transportation Systems Basics of Thermodynamics Characterization of Nanomaterials	MEMS Design	Automation in Manufacturing (Common Common ME, MECT MSNT)
	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		
			Electromagnetic Interference and Compatibility		
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			Sensors and Transducers,		
			Synthesis of Nanomaterials		
		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	Wireless and Mobile Adhoc Networks	Characterization of Nanomaterials	Advanced Telecommunication Technologies	
			Total Quality Management		
			Concepts of Nano Science And Technology		
	Data Analytics	Disaster Management	Design and Selection of Engineering Materials	Database Management Systems	
			Electromagnetic Interference and Compatibility		
			Entrepreneur Resource Planning		
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	Reliability Engineering				
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Solid Fuel Technology					
Synthesis of Nanomaterials					

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	E5	E6	OE3	E5	E6
METALLURGI CAL 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		
			Data Analytics		
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			Sensors and Transducers,		
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		Total Quality Management			

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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
	Data Warehousing and Data Mining		Basics of Thermodynamics		
	Real Time Operating Systems		Characterization of Nanomaterials		
			Synthesis of Nanomaterials		
			Concepts of Nano Science And Technology		
			Solid Fuel Technology		
			Design and Selection of Engineering Materials		
			Disaster Management		
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			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				
	Total Quality Management				
					Data Communications
					Multimedia and Rich Internet Applications

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	E6	E5	(OE3)	E6	E6
	Ground Vehicle Aerodynamics	Helicopter Engineering	Basics of Thermodynamics	Wind Engineering and Industrial Aerodynamics	Heat Transfer
AERONAUTICAL ENGINEERING (21-AE)	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		
			Data Analytics		
			Design and Selection of Engineering Materials		
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	E5	E6	OE3	E5	E5
AUTOMOBILE ENGINEERING (24-AME)	Finite Element Methods	Maintenance and Safety Engineering	Air Transportation Systems	Reliability Engineering (Common EIE,AME)	Plant Layout and Material Handling
		Green Engineering Systems	Total Quality Management		
		Off-road Vehicles	Basics of Thermodynamics	Vehicle Transport Management	
		Vehicle Condition Monitoring	Characterization of Nanomaterials		
			Synthesis 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		
			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				

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Date: 02-09-2021

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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-2021

T I M E T A B L E

TIME: →AN 2:15 PM TO 5:15 PM

BRANCH	13-09-2021 MONDAY	15-09-2021 WEDNESDAY	17-09-2021 FRIDAY	21-09-2021 TUESDAY	23-09-2021 THURSDAY
MINING ENGINEERING (25 - MNE)	E5	E6	OE3	E5	-
	Environmental Management in Mines	Mine Ventilation	Air Transportation Systems Synthesis of Nanomaterials	Planning of Underground Metal Mining Project (E5)	
	Coal Gasification, Coal Bed Methane & Shale Gas	Advanced Environmental Engineering	Basics of Thermodynamics Telemetry and Telecontrol		
	Computer Applications in Mining	Advanced Underground Coal Mining Technology	Characterization of Nanomaterials		
		Tunnel Engineering	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,			
		Renewable Energy Sources			

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	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 ENGINEERING (27 - PTME)		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		
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	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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	E5	E6	OE3	E6	E5	
CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E)	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			
			Data Analytics			
			Design and Selection of Engineering Materials			
			Disaster Management			
			Electromagnetic Interference and Compatibility			
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	Telemetry and Telecontrol					
	Total Quality Management					
	Sensors and Transducers,					
	Synthesis of Nanomaterials					
	Solid Fuel Technology					
	Renewable Energy Sources					

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	E6	E5	OE3	E5	E5
<p align="center">MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY)</p> <p align="center">(29 – MSNT)</p>	Nano Composites	Tribology	Air Transportation Systems	<p align="center">Automobile Engineering (Common ME, MSNT</p>	<p align="center">Automation in Manufacturing (Common ME, MECT, MSNT)</p>
	Carbon Nano Materials and Applications	<p align="center">Mechanics of Composite Materials</p>	Total Quality Management		
	MEMS - NEMS Design and Applications		Basics of Thermodynamics		
	<p align="center">Nano Sensors and Actuators</p>		Renewable Energy Sources		
			Rockets and Missiles		
			Telemetry and Telecontrol		
			Remote Sensing and GIS		
			Sensors and Transducers,		
			Data Analytics		
			Design and Selection of Engineering Materials		
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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.