

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## IV YEAR B.TECH – II SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS MAY-2022-(IN OFFLINE MODE)

### TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM:12.40 PM TO 1.00 PM)

AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	02-05-2022 FN MONDAY	02-05-2022 AN MONDAY	05-05-2022 FN THURSDAY
<b>CIVIL ENGINEERING  (01-CE)</b>	E5 Solid Waste Management	<b>E6</b>	<b>OE3</b>
	Environmental Impact Assessment	Airports, Railways and Waterways	Basics of Power Plant Engineering
			Basics of Virtual Instrumentation
	Air pollution	Urban Transportation Planning	Database Management Systems
			Elements of Rocket Propulsion
	Finite Element Methods for Civil Engineering	Finite Element Methods for Civil Engineering	Energy Sources and Applications
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Measuring Instruments
			Non-Conventional Sources of energy
Remote Sensing and GIS in Mining			
Total Quality Management			
Solid Fuel Technology			
Scripting Languages			

Date:20-04-2022

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BRANCH	02-05-2022 FN MONDAY	02-05-2022 AN MONDAY	05-05-2022 FN THURSDAY	
<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  (02-EEE)	E5 Power Quality & FACTS	E6 Smart Grid Technologies	OE3	
	Control Systems Design	Electrical Distribution Systems	Database Management Systems	
	AI Techniques in Electrical Engineering			Elements of Rocket Propulsion
				Basics of Virtual Instrumentation
			Environmental Impact Assessment	
			Fundamentals of Robotics	
			Advanced Control of Electric Drives	Green Fuel Technologies
			High Temperature Materials	
			Light Metals and Alloys	
			Linear and Non-Linear Optimization Techniques	
			Mobile Application Development	
			Machine Learning	
			Measuring Instruments	
			Non-Conventional Sources of energy	
			Remote Sensing and GIS in Mining	
Total Quality Management				
Solid Fuel Technology				
Scripting Languages				

**Date: 20-04-2022**

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BRANCH	02-05-2022 FN MONDAY	02-05-2022 AN MONDAY	05-05-2022 FN THURSDAY
	E5	E6	OE3
<b>MECHANICAL ENGINEERING</b>  (03-ME)	Industrial Robotics	Industrial Management	Basics of Power Plant Engineering
	Composite Materials		Basics of Virtual Instrumentation
			Environmental Impact Assessment
	Mechanical Vibrations	Tribology	Database Management Systems
			Production and Operations Management
			Energy Sources and Applications
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
	Measuring Instruments		
	Remote Sensing and GIS in Mining		
	Total Quality Management		
	Solid Fuel Technology		
	Scripting Languages		

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<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  (04-ECE)	E5	E6	<b>OE3</b>
			Basics of Power Plant Engineering
			Database Management Systems
	Satellite Communications	System on Chip Architecture	Elements of Rocket Propulsion
			Energy Sources and Applications
	Radar Systems	Test and Testability	Environmental Impact Assessment
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
	Wireless Sensor Networks	Low Power VLSI Design	Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Non-Conventional Sources of energy
		Basics of Virtual Instrumentation	
		Remote Sensing and GIS in Mining	
		Total Quality Management	
		Solid Fuel Technology	
		Scripting Languages	

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<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	Organizational Behaviour	E6	OE3
		Computational Complexity	Basics of Power Plant Engineering
		Distributed Systems	Elements of Rocket Propulsion
		Neural Networks & Deep Learning	Energy Sources and Applications
		Cyber Forensics	Environmental Impact Assessment
		Human Computer Interaction	Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Measuring Instruments
			Non-Conventional Sources of energy
			Remote Sensing and GIS in Mining
		Total Quality Management	
Solid Fuel Technology			
Basics of Virtual Instrumentation			
Linear and Non-Linear Optimization Techniques			

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING</b>  <b>(10-EIE)</b>	E5	E6	OE3
	Telemetry and Telecontrol	Power Plant Instrumentation	Environmental Impact Assessment
	Digital Image Processing	Machine Learning	Basics of Power Plant Engineering
	VLSI Design	Fundamentals of Internet of Things	Database Management Systems
			Elements of Rocket Propulsion
			Energy Sources and Applications
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Measuring Instruments
Non-Conventional Sources of energy			
Scripting Languages			
Remote Sensing and GIS in Mining			
Total Quality Management			
Solid Fuel Technology			

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<b>INFORMATION TECHNOLOGY  (12- I T)</b>	Organizational Behaviour	E6	OE3
		Natural Language Processing	Basics of Power Plant Engineering
		Neural Networks & Deep Learning	Basics of Virtual Instrumentation
		Human Computer Interaction	Elements of Rocket Propulsion
			Energy Sources and Applications
		Cyber Forensics	Fundamentals of Robotics
			Green Fuel Technologies
		Distributed Systems	High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Measuring Instruments
			Non-Conventional Sources of energy
			Remote Sensing and GIS in Mining
		Total Quality Management	
Solid Fuel Technology			
Environmental Impact Assessment			

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<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	E5	E6	OE3
	MEMS Design	Automation in Manufacturing	
		Production Planning and Control	Mathematical Modeling and Simulation
	Concurrent Engineering		MATLAB Applications
		Light Metals and Alloys	
		Mobile Application Development	
		Machine Learning	
		Measuring Instruments	
		Non-Conventional Sources of energy	
		Remote Sensing and GIS in Mining Solid Fuel Technology	
		Scripting Languages Environmental Impact Assessment	

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<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  <b>(18-MMT)</b>	E5	E6	OE3	
	Advanced Manufacturing Technologies	Failure Analysis	Basics of Power Plant Engineering	
	Design and Selection of Engineering Materials	Energy Materials	Environmental Impact Assessment	
	Composite Materials		Super Alloys	Basics of Virtual Instrumentation
				Database Management Systems
				Elements of Rocket Propulsion
				Energy Sources and Applications
				Fundamentals of Robotics
				Green Fuel Technologies
				Linear and Non-Linear Optimization Techniques
				Mobile Application Development
				Machine Learning
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	Non-Conventional Sources of energy			
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BRANCH	02-05-2022 FN MONDAY	02-05-2022 AN MONDAY	05-05-2022 FN THURSDAY
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	E5	E6	OE3
	Heat Transfer	Precision Engineering	Basics of Power Plant Engineering Basics of Virtual Instrumentation
	Cryogenics	Practical Non-Destructive Testing	Database Management Systems
	Aero Engine Design	CAD/CIM	Energy Sources and Applications
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Measuring Instruments
			Environmental Impact Assessment
			Non-Conventional Sources of energy
			Scripting Languages
		Remote Sensing and GIS in Mining	
		Total Quality Management	
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<b>MINING ENGG. (25-MNE)</b>	E5	E6	OE3
	Mine Planning and Design	Mine Economics	Basics of Power Plant Engineering
	Geo-statistics	Mineral exploration	Basics of Virtual Instrumentation
	Rock Excavation Engineering	Mine Subsidence Engineering	Database Management Systems
			Elements of Rocket Propulsion
			Energy Sources and Applications
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Measuring Instruments
			Non-Conventional Sources of energy
		Scripting Languages	
		Total Quality Management	
		Environmental Impact Assessment	

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	E5	E6	OE3		
<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Sub-Sea Engineering	Enhanced Oil Recovery Techniques	Basics of Power Plant Engineering		
		Multi-Phase Flow in Porous Media	Basics of Virtual Instrumentation		
	Membrane Technology	Petroleum Management Marketing & Finance	Database Management Systems	Elements of Rocket Propulsion	
			Energy Sources and Applications	Fundamentals of Robotics	
			High Temperature Materials	Light Metals and Alloys	
			Linear and Non-Linear Optimization Techniques	Mobile Application Development	
			Machine Learning	Measuring Instruments	
			Non-Conventional Sources of energy	Scripting Languages	
			Environmental Impact Assessment	Remote Sensing and GIS in Mining	
			Total Quality Management	Solid Fuel Technology	
			Natural Gas Hydrates and coal Bed Methane		

Date: 20-04-2022

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**CONTROLLER OF EXAMINATIONS**

- (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) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R18 REGULATION