

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH – II SEMESTER– R18 REGULATION REGULAR EXAMINATIONS JULY-2022**  
**TIMETABLE**

**TIME: →FN 9.45 AM TO 12:45 PM**

DATE & DAY				
BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY	
<b>CIVIL ENGINEERING</b>  <b>(01-CE)</b>	E5 Solid Waste Management	E6  Airports, Railways and Waterways	OE3 Basics of Power Plant Engineering	
	Environmental Impact Assessment		Urban Transportation Planning	Basics of Virtual Instrumentation
				Database Management Systems Elements of Rocket Propulsion
	Air pollution	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: 21-06-2022

Sd/-  
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BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY
<b>MECHANICAL ENGINEERING  (03-ME)</b>	E5	E6	OE3
	Industrial Robotics	Industrial Management	Basics of Power Plant Engineering
	Composite Materials		Basics of Virtual Instrumentation
			Environmental Impact Assessment
	Mechanical Vibrations	Tribology	Database Management Systems
			Elements of Rocket Propulsion
		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			
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BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY
<b>ELECTRONICS AND COMMUNICATION ENGINEERING  (04-ECE)</b>	E5	E6	<b>OE3</b>
			Basics of Power Plant Engineering
	Radar Systems	System on Chip Architecture	Database Management Systems
	Satellite Communications	Test and Testability	Elements of Rocket Propulsion
			Energy Sources and Applications
	Wireless Sensor Networks	Low Power VLSI Design	Environmental Impact Assessment
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
			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	
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		Solid Fuel Technology	
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BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY
	E5	E6	OE3
	Telemetry and Telecontrol	Power Plant Instrumentation	Environmental Impact Assessment
	Digital Image Processing	Machine Learning	Basics of Power Plant Engineering
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING  (10-EIE)</b>	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
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<b>MECHANICAL ENGINEERING (MECHATRONICS)  (14-MECT)</b>	E5	E6	OE3
	Concurrent Engineering	Automation in Manufacturing	
	MEMS Design	Mathematical Modeling and Simulation	Basics of Power Plant Engineering
	Production Planning and Control		Basics of Virtual Instrumentation
			Database Management Systems
			Elements of Rocket Propulsion
			Energy Sources and Applications
			Green Fuel Technologies
			High Temperature Materials
			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  (18-MMT)</b>	E5	E6	OE3
	Advanced Manufacturing Technologies	Failure Analysis	Basics of Power Plant Engineering
		Energy Materials	Environmental Impact Assessment
		Super Alloys	Basics of Virtual Instrumentation
	Composite Materials		Database Management Systems
	Design and Selection of Engineering Materials		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
			Measuring Instruments
			Non-Conventional Sources of energy
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<b>AERONAUTICAL ENGINEERING (21-AE)</b>	E5	E6	OE3
		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
	Heat Transfer		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 Solid Fuel Technology

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BRANCH	11-07-2022 MONDAY	16-07-2022 SATURDAY	21-07-2022 THURSDAY
<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
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			Non-Conventional Sources of energy
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			Total Quality Management
		Environmental Impact Assessment	

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<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	E5	E6	OE3
	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			

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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.