

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH – II SEMESTER– R16 REGULATION ADVANCED SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023**

**T I M E T A B L E**

**TIME: →FN 10.00 AM TO 1:00 PM**

BRANCH	24-08-2023 THURSDAY	26-08-2023 SATURDAY	28-08-2023 MONDAY	30-08-2023 WEDNESDAY	01-09-2023 FRIDAY
<b>CIVIL ENGINEERING  (01-CE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E6</b>
	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.		Basics of Thermodynamics		
		Characterization of Nanomaterials	Finite Element Methods for Common to (CE,CEE)		
		Concepts of Nano Science And Technology	Design and Drawing of Irrigation Structures.		

Date:14-08-2023

Sd/-

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<b>ELECTRICAL AND ELECTRONICS ENGINEERING  (02-EEE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	-		
	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			
	Wind, Solar and Hybrid Energy Systems		Electromagnetic Interference and Compatibility			
			Electronic Measuring Instruments			
	High Voltage Engineering		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						

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	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>	
<b>MECHANICAL ENGINEERING  (03-ME)</b>	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
			Environmental Impact Assessment			Fundamentals of Liquefied Natural Gas
			Health & Safety in Mines			Health, Safety and Environment in Petroleum Industry
			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
			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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	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>
<b>ELECTRONICS AND COMMUNICAT ION ENGINEERING  (04-ECE)</b>	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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		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				

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	<b>E5</b>	<b>E6</b>	<b>OE3</b>			
<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	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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						Management Information Systems
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						Optimization Techniques in Engineering
						Organizational Behaviour
						PC Based Instrumentation
						Production Planning and Control
	Reliability Engineering					
	Renewable Energy Sources					
	Rockets and Missiles					
Sensors and Transducers,						
Solid Fuel Technology						
Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						
Remote Sensing and GIS						

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	<b>E5</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E6</b>
<b>ELECTRONICS AND INSTRUMENT ATION ENGINEERING  (10-EIE)</b>	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		
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		Telemetry and Telecontrol			
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	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E5</b>	<b>E6</b>	
<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	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			
			Disaster Management			
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<b>INFORMATION TECHNOLOGY  (12- I T)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>		
	Steganography and Watermarking	Intrusion Detection System	Air Transportation Systems		
	Real-Time Systems (Common to CSE, IT)	ADHOC and Sensor Networks	Basics of Thermodynamics Telemetry and Telecontrol		
	Data Analytics Common to CSE, IT)	Human Computer Interaction	Characterization of Nanomaterials Total Quality Management Concepts of Nano Science And Technology		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common oTo CSE, IT)	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 Introduction to Mechatronics Management Information Systems Microprocessors and Microcontrollers Optimization Techniques in Engineering Organizational Behaviour PC Based Instrumentation Production Planning and Control Reliability Engineering Remote Sensing and GIS Renewable Energy Sources Rockets and Missiles Sensors and Transducers, Solid Fuel Technology Synthesis of Nanomaterials		

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<b>MECHANICAL ENGINEERING (MECHATRONICS)  (14-MECT)</b>	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>
	Automotive Pollution and Control	Product Design and Assembly Automation	Air Transportation Systems Basics of Thermodynamics Characterization of Nanomaterials	MEMS Design	Automation in Manufacturing ( 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		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
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			Reliability Engineering		
			Remote Sensing and GIS		
			Rockets and Missiles		
			Sensors and Transducers,		
		Synthesis of Nanomaterials			
		Solid Fuel Technology			

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<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	<b>E6</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	-
	Radar System	Satellite Communications	Air Transportation Systems	Optical Communications Common To ECE,ETM)	
			Basics of Thermodynamics		
			Telemetry and Telecontrol		
		Cloud computing	Characterization of Nanomaterials	Advanced Telecommunicati on Technologies	
			Total Quality Management		
		Wireless and Mobile Adhoc Networks	Concepts of Nano Science And Technology	Database Management Systems	
			Data Analytics		
			Design and Selection of Engineering Materials	Wireless Communications and Networks	
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Entrepreneur Resource Planning	-	
			Entrepreneurship and Small Business Enterprises		
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			Renewable Energy Sources		
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		Solid Fuel Technology			
		Synthesis of Nanomaterials			

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<b>METALLURGI CAL AND MATERIALS ENGINEERING  (18-MME)</b>	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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	<b>E5</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E6</b>
<b>ELECTRONICS AND COMPUTER ENGINEERING  (19-E.COMP.E)</b>	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		
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	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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	<b>E6</b>	<b>E5</b>	<b>(OE3)</b>	<b>E6</b>	<b>E6</b>
	Ground Vehicle Aerodynamics	Helicopter Engineering	Basics of Thermodynamics	Wind Engineering and Industrial Aerodynamics	Heat Transfer
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	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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			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
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			PC Based Instrumentation		
			PHP Programming		
	Production Planning and Control				
	R Programming				
	Reliability Engineering				
	Remote Sensing and GIS				
	Renewable Energy Sources				
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				

**Date: 14-08-2023**

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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 AUGUST/SEPTEMBER-2023**

**T I M E T A B L E**

**TIME: →FN 10:00 AM TO 1:00 PM**

BRANCH	24-08-2023 THURSDAY	26-08-2023 SATURDAY	28-08-2023 MONDAY	30-08-2023 WEDNESDAY	01-09-2023 FRIDAY
	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>
<b>AUTOMOBILE ENGINEERING (24-AME)</b>	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 Condition Monitoring	Characterization of Nanomaterials	Vehicle Transport Management	
			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		
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		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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<b>MINING ENGINEERING (25 - MNE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	-
	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,			

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	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	
	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		
<b>PETROLEUM ENGINEERING</b>  <b>(27 - PTME)</b>		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		
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			Linux Programming		
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			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,		
			Solid Fuel Technology		
	Synthesis of Nanomaterials				
	Telemetry and Telecontrol				
	Total Quality Management				

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	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING (28-C E E)</b>	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		
	Foundation Engineering	Ground Improvement Techniques	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
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			R Programming		
			Reliability Engineering		
			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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	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>
<p align="center"><b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY)</b></p> <p align="center"><b>(29 – MSNT)</b></p>	Nano Composites	Tribology	Air Transportation Systems Total Quality Management	<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>	Basics of Thermodynamics Renewable Energy Sources		
	MEMS - NEMS Design and Applications		Rockets and Missiles Telemetry and Telecontrol		
	Nano Sensors and Actuators		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 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		
			Solid Fuel Technology		

**Date: 14-08-2023**

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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.