

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
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:14-08-2023

Sd/-

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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						

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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				
	Environmental Impact Assessment				
	Fundamentals of Liquefied Natural Gas				
	Health & Safety in Mines				
	Health, Safety and Environment in Petroleum Industry				
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	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,					
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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	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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	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		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
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			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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	E5	E5	OE3	E6	E6
ELECTRONICS AND INSTRUMENT ATION ENGINEERING (10-EIE)	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		
			Entrepreneur Resource Planning		
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			Introduction to Mechatronics		
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			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
		Rockets and Missiles			
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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 (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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INFORMATION TECHNOLOGY (12- I T)	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 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 (Commn 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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MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)	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 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		
			Environmental Impact Assessment		
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			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Rockets and Missiles		
			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	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		
			Disaster Management	Wireless Communications and Networks	
			Electromagnetic Interference and Compatibility		
			Entrepreneur Resource Planning		
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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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	E5	E5	OE3	E6	E6
ELECTRONICS AND COMPUTER ENGINEERING (19-E.COMP.E)	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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			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
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			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				
	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		
AERONAUTICAL ENGINEERING (21-AE)	Aeroelasticity	Fabrication and Machining of Composite Structures	Telemetry and Telecontrol	Wind Engineering and Industrial Aerodynamics	Heat Transfer
		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		
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			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: 14-08-2023

CONTROLLER OF EXAMINATIONS

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
MINING ENGINEERING G (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,			

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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		
			Management Information Systems		
			Microprocessors and Microcontrollers		
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			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
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			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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	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				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				
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			Linux Programming				
			Management Information Systems				
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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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	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 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 Rockets and Missiles 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 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			
	MEMS - NEMS Design and Applications					
	Nano Sensors and Actuators					

Date: 14-08-2023

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CONTROLLER OF EXAMINATIONS

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.