

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY - HYDERABAD – 5000 85
EXAMINATION BRANCH
IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021
T I M E T A B L E

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
CIVIL ENGINEERING (01-CE) Water Resources Systems Analysis.	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		
			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		Design and Drawing of Irrigation Structures.
			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			

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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		
		Utilization of Electric Power		Basics of Thermodynamics	
				Characterization of Nanomaterials	
	Electric and Hybrid Vehicles		Concepts of Nano Science And Technology		
			Data Analytics		
	Electrical Distribution Systems	VLSI DESIGN (Common to EEE, E.Comp.E)		Design and Selection of Engineering Materials	
				Disaster Management	
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
	Wind, Solar and Hybrid Energy Systems			Entrepreneurship and Small Business Enterprises	
				Environmental Impact Assessment	
				Fundamentals of Liquefied Natural Gas	
	High Voltage Engineering			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,				
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MECHANICAL ENGINEERING (03-ME)	E5	E6	OE3	E6	E5
	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		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
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ELECTRONICS AND COMMUNICAT ION ENGINEERING (04-ECE)	E5	E6	OE3	E5	E5
	Network Security and Cryptography	Actuators and Robot Systems	Air Transportation Systems	Optical Communications (Common TO ECE,ETM)	Machine Learning (Common ECE, EIE, BME)
	System Design Using FPGAs	Analog CMOS IC Design	Organizational Behaviour		
		Global Positioning System	Basics of Thermodynamics		
	Computer Vision	Management Information Systems	Characterization of Nanomaterials		
			Entrepreneur Resource Planning		
			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		
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COMPUTER SCIENCE AND ENGINEERING (05-CSE)	E5	E6	OE3		
	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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Rockets and Missiles					
Sensors and Transducers,					
Solid Fuel Technology					
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Telemetry and Telecontrol					
Total Quality Management					
Remote Sensing and GIS					

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ELECTRONICS AND INSTRUMENTATION 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	Reliability Engineering (Common EIE, AME)	DSP Processors and Architectures (Common To EIE, BME)
	Industrial Data Communications		Characterization 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		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
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			Optimization Techniques in Engineering		
			Organizational Behaviour		
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			Production Planning and Control		
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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				
		Embedded System Design	Characterization of Nanomaterials				Biometric Systems
			Concepts of Nano Science And Technology				
			Data Analytics				
			Design and Selection of Engineering Materials				
			Disaster Management				
			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				
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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				
			Solid Fuel Technology				
Synthesis of Nanomaterials							
Total Quality Management							
				DSP Processors and Architectures (Common To EIE, BME)			

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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 (Common To 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 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	MEMS Design	Automation in Manufacturing (Common Common ME, MECT MSNT)
	Power Plant Engineering	MATLAB Applications	Basics of Thermodynamics		
	Computational Fluid Dynamics	Mechanical Vibrations	Characterization of Nanomaterials		
			Telemetry and Telecontrol		
			Total Quality Management		
			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		
			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		
			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 Telecommunication 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		
			Electromagnetic Interference and Compatibility		
			Entrepreneur Resource Planning	Wireless Communications and Networks	
			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		
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		Microprocessors and Microcontrollers			
		Optimization Techniques in Engineering			
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	E5	E6	OE3	E5	E6
METALLURGICAL 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		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
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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
			Basics of Thermodynamics		
	Data Warehousing and Data Mining		Characterization of Nanomaterials		
	Real Time Operating Systems		Synthesis of Nanomaterials		
			Concepts of Nano Science And Technology		
			Solid Fuel Technology		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
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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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	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		
			Total Quality Management		
		Airlines Planning, Scheduling and Operations	Characterization of Nanomaterials		
		Hypersonic aerodynamics	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
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AUTOMOBILE ENGINEERING (24-AME)	E5	E6	OE3	E5	E5	
	Finite Element Methods	Maintenance and Safety Engineering	Air Transportation Systems	Total Quality Management	Reliability Engineering (Common EIE,AME)	Plant Layout and Material Handling
		Green Engineering Systems	Basics of Thermodynamics			
		Off-road Vehicles	Characterization of Nanomaterials	Synthesis of Nanomaterials	Vehicle Transport Management	
		Vehicle Condition Monitoring	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		
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	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<p align="center">MINING ENGINEERING G (25 - MNE)</p>	E5	E6	OE3	E5	-
	Environmental Management in Mines	Mine Ventilation	Air Transportation Systems	Planning of Underground Metal Mining Project (E5)	
	Coal Gasification, Coal Bed Methane & Shale Gas	Advanced Environmental Engineering	Synthesis of Nanomaterials		
	Computer Applications in Mining	Advanced Underground Coal Mining Technology	Basics of Thermodynamics		
		Tunnel Engineering	Telemetry and Telecontrol		
			Characterization 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		
			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			

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY - HYDERABAD – 5000 85
EXAMINATION BRANCH
IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021
T I M E T A B L E

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
PETROLEUM ENGINEERING (27 - PTME)	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 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		
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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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CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E)	E5	E6	OE3	E6	E5
	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		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
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			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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MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	E6	E5	OE3	E5	E5
	Nano Composites	Tribology	Air Transportation Systems	Automobile Engineering (Common ME, MSNT	Automation in Manufacturing (Common ME, MECT, MSNT)
			Total Quality Management		
	Carbon Nano Materials and Applications	Mechanics of Composite Materials	Basics of Thermodynamics		
	MEMS - NEMS Design and Applications		Renewable Energy Sources		
			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		
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			Health & Safety in Mines		
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	Production Planning and Control				
	R Programming				
	Reliability Engineering				
	Solid Fuel Technology				

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CONTROLLER OF EXAMINATIONS

Date:17-07-2021

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.