

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.TECH. I YEAR -I SEMESTER -R17 REGULATION- SUPPLEMENTARY EXAMINATIONS APRIL-2022

T I M E T A B L E

TIME: 09:45 AM TO 12:45 PM

Course	04-04-2022 MONDAY	07-04-2022 THURSDAY	09-04-2022 SATURDAY	12-04-2022 TUESDAY	16-04-2022 SATURDAY	19-04-2022 TUESDAY	21-04-2022 THURSDAY	23-04-2022 SATURDAY
CAD/CAM-04	Elective-II Computer Aided Process Planning	Elective-II Automation in Manufacturing	Advanced FEM	Elective-I	Computer Aided Manufacturing	OEI	Elective-II Performance Modeling and Analysis of Manufacturing Systems	Advanced CAD
				Mechanical Behavior of Materials		Electrical Installation And Safety		
				Stress Analysis and Vibration		Fundamentals Of Cyber Security		
				Additive Manufacturing Technologies		Computer Oriented Numerical Methods		
						Renewable Energy Systems		
						Principles Of Electronic Communications		
COMPUTER SCIENCE-05	Advanced Algorithms	Software Engineering	Elective-I Network Security and Cryptography	Elective-I	Elective-II Parallel and Distributed Algorithms Embedded Systems Game Theory	OEI	Elective-II Software Architecture and Design Patterns	Computer Networking
				Internet of Things		Principles Of Electronic Communications		
				Mobile Application Development		Optimization Techniques And Applications		
				Graph Theory		Electrical Installation And Safety		
						Computer Oriented Numerical Methods		
						Renewable Energy Systems		

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DIGITAL SYSTEMS AND COMPUTER ELECTRONICS -06	CMOS VLSI Design	Advanced Digital System Design	Elective-I Advanced Data Communications	Real Time Operating Systems	Elective-II TCP/IP Internetworking	O E-I Fundamentals Of Cyber Security	Elective-II CPLD and FPGA Architectures and Applications	Elective-II Wireless Communications and Networks
			Digital Signal Processors and Architectures			Optimization Techniques And Applications		
			Image and Video Processing			Electrical Installation And Safety		
						Computer Oriented Numerical Methods Renewable Energy Systems		
ELECTRICAL POWER SYSTEMS -07	Advanced Power System Analysis	Advanced Power System Protection	Modern Control Theory	Elective-I Advanced Digital Signal Processing		OE-I Fundamentals Of Cyber Security	Elective-II Distribution Automation	Elective-I EHV AC Transmission
						Principles Of Electronic Communications	Microcontrollers and applications	High Voltage Engineering
						Computer Oriented Numerical Methods	Power Quality	
						Optimization Techniques And Applications		

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ENVIRONMENTAL ENGINEERING - 11	Environmental Chemistry and Microbiology	Advanced Water Supply Systems	Elective-I Environment and Ecology	Elective-II Environmental Impact Assessment	Elective-II	OE-I Renewable Energy Systems	Advanced Waste Water Treatment		
			Environmental Hydrology		Environmental Sanitation				
			Watershed Management		Environmental System Engineering				Electrical Installation And Safety
									Optimization Techniques And Applications
									Principles Of Electronic Communications
		Fundamentals Of Cyber Security							
GEOTECHNICAL ENGINEERING - 12	Advanced Soil Mechanics	Elective-II Rock Mechanics and Engineering	Soil Dynamics and Machine Foundations		Advanced Foundation Engineering	OE-I Renewable Energy Systems		Elective-I	
		Physical Modeling in Geotechnical Engineering.				Electrical Installation And Safety		Earth & Rockfill Dams	
		Soil - Structure Interaction				Optimization Techniques And Applications		Optimization Techniques	
						Principles Of Electronic Communications		Applied Statistics	
						Fundamentals Of Cyber Security			

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MACHINE DESIGN - 15	Mechanical Behavior of Engineering Materials	Advanced Mechanics of Solids	ELECTIVE-I Vibration Analysis of Mechanical Systems	ELECTIVE-I	ELECTIVE-II	OE-I	ELECTIVE-II Design for Manufacturing & Assembly	Computer Aided Geometric Modeling for Design
				Design Optimization	Advanced Mechanics of Composite Materials	Fundamentals Of Cyber Security		
				Mechanics of Metal Forming		Principles Of Electronic Communications		
						Additive Manufacturing Technologies		
	Computer Oriented Numerical Methods							
	Renewable Energy Systems							
PRODUCTION ENGINEERING -16	Theory of Metal Cutting	ELECTIVE-I Machine Tool Design Automation in Manufacturing	Advanced Casting & Welding Technologies	Theory of Metal Forming	ELECTIVE-II	OE-I	Elective-ii Design for Manufacturing & Assembly	ELECTIVE-I Precision Engineering
					Production & Operations Management	Computer Oriented Numerical Methods		
					Quality Engineering in Manufacturing Systems	Renewable Energy Systems		
	Principles Of Electronic Communications							
	Fundamentals Of Cyber Security							

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STRUCTURAL ENGINEERING -20		Structural Dynamics	Advanced Structural Analysis	ELECTIVE-II	ELECTIVE-I	OE-I		Theory of Elasticity
				Plastic Analysis & Design	Advanced Foundation Engineering	Renewable Energy Systems		
				Advanced Reinforced Concrete Design	Tall Buildings	Electrical Installation And Safety		
				Soil Dynamic & Foundation Engineering	Advanced Concrete Technology	Optimizatin Techniques And Applications		
						Principles Of Electronic Communications		
						Fundamentals Of Cyber Security		
THERMAL ENGINEERING -21	Advanced Thermodynamics	Advanced Heat Transfer	Advanced Fluid Mechanics	ELECTIVE-I	ELECTIVE-II	OE-I		ELECTIVE-I Renewable Energy Sources
				Fuels & Combustion	Thermal Measurements & Process Control	Computer Oriented Numerical Methods		
				Advanced Optimization Techniques & Applications	Advanced Materials for Thermal Systems	Renewable Energy Systems		
					Gas Dynamics	Electrical Installation And Safety		
						Principles Of Electronic Communications		
						Fundamentals Of Cyber Security		

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TRANSPORTATION ENGINEERING -22	Traffic Engineering and Management	Urban Transportation Planning and Management	Pavement Material Characterization	ELECTIVE-I	Elective-ii	OE-I	ELECTIVE-II Road Safety Engineering	ELECTIVE-I Bridge Engineering	
				Engineering of Ground	Advanced Concrete Technology	Renewable Energy Systems			
				Transportation System Management	Highway Geometric Design	Electrical Installation And Safety			
						Optimization Techniques And Applications			
						Principles Of Electronic Communications			
						Fundamentals Of Cyber Security			
SOFTWARE ENGINEERING -25	Advanced Algorithms	ELECTIVE-II Big Data Analytics	ELECTIVE-I Cryptography and Network Security	ELECTIVE-I	Software Development Methodologies	OE-I	ELECTIVE-II Web Mining Machine Learning	Software Requirements and Estimation	
				Cloud Computing		Computer Oriented Numerical Methods			
				Database Internals		Renewable Energy Systems			Software Metrics and Quality Assurance
				Internet Technologies and Services		Electrical Installation And Safety			
						Optimization Techniques And Applications			
						Principles Of Electronic Communications			

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COMPUTER AND COMMUNICATION ENGINEERING -36	ELECTIVE-II Voice over Internet Protocol		Advanced Data Communications	ELECTIVE-I Mobile Computing Technologies	TCP/IP Internetworking	OE-I Computer Oriented Numerical Methods	ELECTIVE-II Cognitive Radio Networks	Wireless Communications and Networks
	Spread Spectrum Communications			Queuing Theory and Applications		Renewable Energy Systems		
				3G Networks		Electrical Installation And Safety		
						Optimization Techniques And Applications		
						Fundamentals Of Cyber Security		
CONTROL ENGINEERING -37			Modern Control Theory	ELECTIVE-I	ELECTIVE-II	OE-I	Digital Control Systems	Estimation of Signals and Systems.
				Process Modelling and Simulation	Advanced Microprocessors	Computer Oriented Numerical Methods		
				Intelligent Control	Instrumentation and Control	Optimization Techniques And Applications		
				System Dynamics and Control	DSP Processor Architecture and Applications	Principles Of Electronic Communications		
						Fundamentals Of Cyber Security		

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DIGITAL ELECTRONICS AND COMMUNICATION ENGINEERING/ SYSTEMS-38	ELECTIVE-I Spread Spectrum Communications	Advanced Digital System Design	ELECTIVE-I Image and Video Processing	ELECTIVE-II Advanced Computer Architecture	ELECTIVE-II	OE-I	Coding Theory and Techniques	Broadband Communications
	Real Time Operating Systems				Optical Communications and Networks	Computer Oriented Numerical Methods		
					Advanced Digital Signal Processing	Renewable Energy Systems		
						Electrical Installation And Safety		
						Optimization Techniques And Applications		
Fundamentals Of Cyber Security								
INFORMATION TECHNOLOGY - 40	Advanced Algorithms	ELECTIVE-II Big Data Analytics	ELECTIVE-I Multimedia and Rich Internet Applications	Internet of Things	Database Internals	OE-I	ELECTIVE-I Software Architecture and Design Patterns	ELECTIVE-II Computer Networking
		Information Retrieval Systems	Parallel and Distributed Algorithms			Computer Oriented Numerical Methods		
			Soft Computing			Cryptography and Network Security		
		Electrical Installation And Safety						
		Optimization Techniques And Applications						
Principles Of Electronic Communications								

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POWER AND INDUSTRIAL DRIVES-42	Machine Modeling and Analysis	Power Electronic Devices and Converters	Modern Control Theory	ELECTIVE-I	ELECTIVE-II	OE-I		ELECTIVE-II Digital Control Systems
				Special Machines	Advanced Digital Signal Processing	Computer Oriented Numerical Methods		
				High Frequency Magnetic Components	Electric Traction systems	Optimization Techniques And Applications		
				Programmable Logic Controllers and Applications		Principles Of Electronic Communications		
	Fundamentals Of Cyber Security							
POWER ELECTRONICS-43	Machine Modeling and Analysis	Power Electronic Devices and Converters	Modern Control Theory	ELECTIVE-I	ELECTIVE-II	OE-I		ELECTIVE-II Digital Control Systems
				Special Machines	Advanced Digital Signal Processing	Computer Oriented Numerical Methods		
				High Frequency Magnetic Components		Optimization Techniques And Applications		
				Programmable Logic Controllers and Applications	Electric Traction systems	Principles Of Electronic Communications		
	Fundamentals Of Cyber Security							

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SYSTEMS AND SIGNAL PROCESSING-45/93	ELECTIVE-I Digital System Design	ELECTIVE-I Biomedical Signal Processing	Transform Techniques	Random Processes and Time Series Analysis	ELECTIVE-II Advanced Digital Signal Processing VLSI Signal Processing	OE-I Computer Oriented Numerical Methods	Adaptive Signal Processing	ELECTIVE-II Network Security and Cryptography
		Introduction to Navigational Aids				Renewable Energy Systems		
						Electrical Installation And Safety		
						Optimization Techniques And Applications		
						Fundamentals Of Cyber Security		
GEO-INFORMATICS AND SURVEYING TECHNOLOGY-47	Remote Sensing	Geographical Information System	Elements of Photogrammetry	ELECTIVE-II Environmental Impact Assessment	ELECTIVE-I Digital Image Processing-I Object Oriented Programming Statistical Methods	OE-I Renewable Energy Systems		
				Database Management Systems		Electrical Installation And Safety		
				Advanced Surveying and Cartography		Optimization Techniques And Applications		
						Principles Of Electronic Communications Fundamentals Of Cyber Security		

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ELECTRICAL POWER ENGINEERING- 49	Advanced Power System Analysis	Advanced Power System Protection	Modern Control Theory	ELECTIVE-I		OE-I	ELECTIVE-II Power Quality	ELECTIVE-I High Voltage Engineering	
				Advanced Digital Signal Processing		Computer Oriented Numerical Methods			Microcontrollers and applications
						Optimization Techniques And Applications	Distribution Automation	EHV AC Transmission	
						Principles Of Electronic Communications			
						Fundamentals Of Cyber Security			
				DESIGN FOR MANUFACTURI NG-52		Advanced Mechanics of Solids	ELECTIVE-II	ELECTIVE-I Special Manufacturing Processes	ELECTIVE-I
Advanced Computer Aided Design	Advanced Finite Element Analysis	Quality Engineering in Manufacturing	Computer Oriented Numerical Methods						
	MEMS & Micro Systems : Design & Manufacture	Theory of Elasticity & Plasticity	Renewable Energy Systems						
			Electrical Installation And Safety						
						Principles Of Electronic Communica Tions			
						Fundamentals Of Cyber Security			

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POWER SYSTEM CONTROL AND AUTOMATION-53	Advanced Power System Analysis	Advanced Power System Protection	Modern Control Theory	ELECTIVE-I		OE-I	ELECTIVE-II	ELECTIVE-I
				Advanced Digital Signal Processing		Computer Oriented Numerical Methods	Power Quality	High Voltage Engineering
						Optimization Techniques And Applications	Microcontrollers and applications	EHV AC Transmission
						Principles Of Electronic Communications	Distribution Automation	
						Fundamentals Of Cyber Security		
POWER ELECTRONICS AND ELECTRIC DRIVES-54	Machine Modeling and Analysis	Power Electronic Devices and Converters	Modern Control Theory	ELECTIVE-I	ELECTIVE-II	OE-I		ELECTIVE-II
				Special Machines	Advanced Digital Signal Processing	Computer Oriented Numerical Methods		Digital Control Systems
				High Frequency Magnetic Components	Electric Traction systems	Optimization Techniques And Applications		
				Programmable Logic Controllers and Applications		Principles Of Electronic Communications		
						Fundamentals Of Cyber Security		

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EMBEDDED SYSTEMS-55	ELECTIVE-II	ELECTIVE-I Advanced Computer Architecture	Real Time Operating Systems	ARM Processor Architectures	Embedded System Design	OE-I Computer Oriented Numerical Methods	ELECTIVE-I CPLD and FPGA Architectures and Applications	ELECTIVE-I CMOS VLSI Design	
	Digital System Design					Renewable Energy Systems			
	TCP/IP Internetworking					Electrical Installation And Safety			
	Embedded C					Optimization Techniques And Applications			
						Fundamentals Of Cyber Security			
VLSI/ VLSI DESIGN/VLSI SYSTEM DESIGN-57	ELECTIVE-I	Advanced Digital System Design	Device Modeling	ELECTIVE-II	ELECTIVE-II	OE-I	ELECTIVE-I CPLD and FPGA Architectures and Applications	CMOS Analog Integrated Circuit Design	
	VLSI Technology			Advanced Computer Architecture		Embedded System Design			Computer Oriented Numerical Methods
	Hardware Software Co-Design					Algorithms for VLSI Design Automation			Renewable Energy Systems
									Electrical Installation And Safety
									Optimization Techniques And Applications
									Fundamentals Of Cyber Security

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COMPUTER SCIENCE AND ENGINEERING - 58	Advanced Algorithms	Software Engineering	ELECTIVE-I Network Security and Cryptography	ELECTIVE-I	Elective-ii	OE-I Computer Oriented Numerical Methods	ELECTIVE-II Software Architecture and Design Patterns	Computer Networking	
				Internet of Things	Parallel and Distributed Algorithms				
				Mobile Application Development	Embedded Systems Game Theory				Renewable Energy Systems
				Graph Theory					Electrical Installation And Safety
	Optimization Techniques And Applications								
	Principles Of Electronic Communications								
COMMUNICATION SYSTEMS - 61	Spread Spectrum Communications	ELECTIVE-I	Advanced Data Communications	ELECTIVE-I	ELECTIVE-II	OE-I Computer Oriented Numerical Methods	ELECTIVE-II Cognitive Radio Networks	Wireless Communications and Networks	
		Detection and Estimation Theory		Advanced Digital Signal Processing	TCP/IP Internetworking				Renewable Energy Systems
				Radio Navigational Aids	Radar Systems Engineering				Electrical Installation And Safety
									Optimization Techniques And Applications
						Fundamentals Of Cyber Security			

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WEB TECHNOLOGY - 62	Advanced Algorithms	Web Technologies and Services	ELECTIVE-II	ELECTIVE-I Database Internals	ELECTIVE-I	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications	ELECTIVE-I Web Mining	Computer Networking
			Multimedia and Rich Internet Applications		Semantic Web and Social Networks			
			Object Oriented Modeling		Web Security			
			Scripting Languages					
			Information Retrieval Systems					
POWER ENGINEERING & ENERGY SYSTEMS 64	Advanced Power System Analysis	Advanced Power System Protection	Renewable Energy Technologies	ELECTIVE-I	ELECTIVE-II	OE-I Fundamentals Of Cyber Security Principles Of Electronic Communications Computer Oriented Numerical Methods Optimization Techniques And Applications	ELECTIVE-II Power Quality	ELECTIVE-I High Voltage Engineering
				EHV AC Transmission	Microcontrollers and applications			
				Advanced Digital Signal Processing	Distribution Automation			
WIRELESS AND MOBILE COMMUNICATIONS-65	ELECTIVE-II	Random Processes and Time Series Analysis	Advanced Data Communications	ELECTIVE-I Radio Navigational Aids	ELECTIVE-II TCP/IP Internetworking	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Fundamentals Of Cyber Security	ELECTIVE-I Coding Theory and Techniques Detection and Estimation Theory	Wireless Communications and Networks
	Voice over Internet Protocol							
	Queuing Theory and Applications							

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VLSI AND EMBEDDED SYSTEMS-68	ELECTIVE-I	ELECTIVE-II	VLSI Technology	Elective-i	Embedded System Design	OE-I	ELECTIVE-II CPLD and FPGA Architectures and Applications	CMOS Analog Integrated Circuit Design
	Digital System Design	CMOS Digital Integrated Circuit Design		Advanced Computer Architecture		Computer Oriented Numerical Methods		
	Hardware Software Co-Design	VLSI DSP Architectures		Renewable Energy Systems		Electrical Installation And Safety		
				Optimization Techniques And Applications		Fundamentals Of Cyber Security		
ELECTRONICS AND COMMUNICATION ENGINEERING - 70	Digital System Design	ELECTIVE-I	ELECTIVE-I	ELECTIVE-II	Advanced Digital Signal Processing	OE-I	Coding Theory and Techniques	
		Detection and Estimation Theory	Digital Signal Processors and Architectures	Real Time Operating Systems		Computer Oriented Numerical Methods		
		Speech Signal Processing	Adhoc Wireless Sensor Networks	Advanced Computer Architecture		Renewable Energy Systems		
						Electrical Installation And Safety		
						Optimization Techniques And Applications		
						Fundamentals Of Cyber Security		

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CONTROL SYSTEMS – 75			Modern Control Theory	ELECTIVE-I Process Modelling and Simulation	ELECTIVE-II Advanced Microprocessors	OE-I Computer Oriented Numerical Methods	Digital Control Systems	Estimation of Signals and Systems.
				Intelligent Control	Instrumentation and Control	Optimization Techniques And Applications		
				System Dynamics and Control	DSP Processor Architecture and Applications	Principles Of Electronic Communications		
						Fundamentals Of Cyber Security		
EMBEDDED SYSTEMS & VLSI DESIGN-77	ELECTIVE-I Digital System Design	ELECTIVE-II CMOS Digital Integrated Circuit Design	VLSI Technology	ELECTIVE-I Advanced Computer Architecture	Embedded System Design	OE-I Computer Oriented Numerical Methods	ELECTIVE-II	CMOS Analog Integrated Circuit Design
	Hardware Software Co-Design	VLSI DSP Architectures				Renewable Energy Systems	CPLD and FPGA Architectures and Applications	
				Electrical Installation And Safety				
				Optimization Techniques And Applications				
				Fundamentals Of Cyber Security				

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EXAMINATION BRANCH

M.TECH. I YEAR -I SEMESTER -R17 REGULATION- SUPPLEMENTARY EXAMINATIONS APRIL-2022

T I M E T A B L E

TIME: 09:45 AM TO 12:45 PM

Course	04-04-2022 MONDAY	07-04-2022 THURSDAY	09-04-2022 SATURDAY	12-04-2022 TUESDAY	16-04-2022 SATURDAY	19-04-2022 TUESDAY	21-04-2022 THURSDAY	23-04-2022 SATURDAY
COMPUTER NETWORKS AND INFORMATION SECURITY (CNIS) -78	Advanced Algorithms	Computer Networking	Cryptography and Network Security	ELECTIVE-I	ELECTIVE-II	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications		
				Cloud Computing	Internet of Things			
				Privacy and Security in Cyber Space	Embedded Systems and security			
				Software Defined Networks				
				Network Management and Performance Evaluation	Database Security			
MECHATRONICS -80	Applied Industrial Pneumatics	Automation in Manufacturing	Industrial Electrical & Electronics	ELECTIVE-II	ELECTIVE-I	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Principles Of Electronic Communications Fundamentals Of Cyber Security		ELECTIVE-I
				Control systems	Photo Voltaic & Solar Thermal Systems			Precision Engineering
				Instrumentation & Sensor Technology				
				Programmable Logic Controller & Applications	Advanced CNC Technology			

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COMPUTER NETWORKS-82	Advanced Algorithms	Computer Networking	Cryptography and Network Security	ELECTIVE-I	ELECTIVE-II	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications		
				Cloud Computing	Internet of Things			
				Software Defined Networks	Embedded Systems Distributed Systems and security			
				Privacy and Security in Cyber Space	Database Security			
				Network Management and Performance Evaluation				
HIGHWAY ENGINEERING - 87	Traffic Engineering and Control	Urban Transportation Planning and Management	Pavement Material Characterization	ELECTIVE-II	ELECTIVE-II	OE-I Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications Fundamentals Of Cyber Security	ELECTIVE-I Road Safety Engineering Ground Improvement Techniques	ELECTIVE-I Bridge Engineering
				Transportation System Management	Advanced Concrete Technology			
					Highway Geometric Design			

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HEATING VENTILATION & AIR CONDITIONING -91	Advanced Thermodynamics	Refrigeration	Air Conditioning	ELECTIVE-I Renewable Energy Sources	ELECTIVE-II Equipment Design for Thermal Systems	OE-I Computer Oriented Numerical Methods	ELECTIVE-I Cryogenic Engineering	
				Computational Fluid Dynamics	Alternative Refrigerants			
					Cold Storage Technology & Systems			
					Renewable Energy Systems			
					Electrical Installation And Safety			
					Principles Of Electronic Communications			
	Fundamentals Of Cyber Security							
ENGINEERING DESIGN. - 95	Advanced Mechanics of Solids	Advanced Mechanics of Machinery	Vibration Analysis of Mechanical Systems	ELECTIVE-I Design Optimization	ELECTIVE-II Mechanics of Metal Forming	OE-I Computer Oriented Numerical Methods	Elective-ii Design for Manufacturing & Assembly	ELECTIVE-I Theory of Elasticity
				Computer Simulation of Machines	Advanced Mechanics of Composite Materials			
					Renewable Energy Systems			
					Electrical Installation And Safety			
					Principles Of Electronic Communications			
					Fundamentals Of Cyber Security			

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CONSTRUCTION MANAGEMENT - A1	ELECTIVE-I Construction Project planning and Administration.	Quantitative Methods in Construction Management	ELECTIVE-II Geotechnics for Infrastructure.	ELECTIVE-I	Construction Methods and Equipment	OE-I Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications Fundamentals Of Cyber Security	ELECTIVE-II Integrated Water Resources Management. Repair & Rehabilitation of Buildings	Construction Engineering practices
				Infrastructure Valuation				
				Formwork and scaffolding design.				
CYBER FORENSICS & INFORMATION SECURITY - A2	ELECTIVE-I Advanced Algorithms	Applied Cryptography	Network and Wireless Security	ELECTIVE-I	ELECTIVE-II Web Security Distributed Systems Mobile Application Security	OE-I Computer Oriented Numerical Methods Renewable Energy Systems Electrical Installation And Safety Optimization Techniques And Applications Principles Of Electronic Communications	ELECTIVE-II Machine Learning	Secure Operating System
				Database Security				
				Cloud Computing and Security				
				Information Systems Control And Audit				

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CYBER SECURITY - A3	ELECTIVE-I Advanced Algorithms	Applied Cryptography	Network and Wireless Security	ELECTIVE-I	ELECTIVE-II	OE-I Computer Oriented Numerical Methods	ELECTIVE-II Machine Learning	Secure Operating System	
				Database Security		Renewable Energy Systems			
				Cloud Computing and Security		Distributed Systems			Electrical Installation And Safety
				Information Systems Control And Audit		Mobile Application Security			Optimization Techniques And Applications
VLSI DESIGN- A5	ELECTIVE-I	Advanced Digital System Design	Device Modeling	(ELECTIVE-II) Advanced Computer Architecture	ELECTIVE-II	OE-I Computer Oriented Numerical Methods	ELECTIVE-I CPLD and FPGA Architectures and Applications	CMOS Analog Integrated Circuit Design	
	VLSI Technology					Algorithms for VLSI Design Automation			Renewable Energy Systems
	Hardware Software Co-Design					Embedded System Design			Electrical Installation And Safety
									Optimization Techniques And Applications

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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