



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examination Branch

M.Tech I Semester (R21) Supplementary July 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	COMPUTER AIDED STRUCTURAL ENGINEERING	STRUCTURAL ENGINEERING	STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	GEOTECHNICAL ENGINEERING	
11.07.2024 Thursday	THEORY OF ELASTICITY 21D35101		THEORY OF ELASTICITY 21D35101.	DESIGN OF SHALLOW FOUNDATIONS 21D12101	
			ADVANCED CONSTRUCTION TECHNIQUES 21D91103a		
			QUALITY CONTROL AND SAFETY MANAGEMENT 21D91103b		
15.07.2024 Monday	MATRIX METHODS OF STRUCTURAL ANALYSIS 21D35102	ADVANCED STRUCTURAL ANALYSIS 21D20101	MATRIX METHODS OF STRUCTURAL ANALYSIS 21D35102	ADVANCED SOIL MECHANICS 21D12102	
	C++ AND DATA STRUCTURES 21D35104a	MAINTENANCE AND REHABILITATION OF STRUCTURES 21D20103a	CONSTRUCTION MANAGEMENT 21D91101	NUMERICAL METHODS 21D85104	
	DESIGN OF PRESTRESSED CONCRETE 21D35104b			GEO-ENVIRONMENTAL ENGINEERING 21D12104a	
18.07.2024 Thursday	MODELING SIMULATION AND COMPUTER APPLICATIONS 21D35104c	DESIGN OF BRIDGES 21D20103b	ADVANCED MATHEMATICAL METHODS 21D85105	SOIL STRUCTURE INTERACTION 21D12104b	
	COMPUTER AIDED NUMERICAL METHODS 21D85103	ADVANCED CONCRETE TECHNOLOGY 21D21103a		THEORETICAL SOIL MECHANICS 21D12103a	
	OPTIMIZATION IN STRUCTURAL DESIGN 21D35103a	THEORY AND ANALYSIS OF PLATES AND SHELLS 21D35203b		GEO-TECHNICAL EARTH QUAKE ENGINEERING 21D12103b	
20.07.2024 Saturday	STRUCTURAL HEALTH MONITORING 21D35103b	RESEARCH METHODOLOGY AND IPR 21DRM101		UNSATURATED SOIL MECHANICS 21D12103c	
23.07.2024 Tuesday					

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Date / Day	CONSTRUCTION PLANNING AND MANAGEMENT	HIGHWAY ENGINEERING	ELECTRICAL POWER SYSTEMS, POWER SYSTEMS	POWER ELECTRONICS, POWER ELECTRONICS AND ELECTRICAL DRIVES
11.07.2024 Thursday	PROBABILITY AND STATISTICS 21DBS106	HIGHWAY INFRASTRUCTURE DESIGN 21D93101	ADVANCED POWER SYSTEM PROTECTION 21D07101	SWITCHED MODE POWER CONVERTERS 21D54101
	CONSTRUCTION PLANNING AND PROJECT MANAGEMENT 21D21101	URBAN TRANSPORTATION PLANNING 21D93102	POWER SYSTEM SECURITY AND STATE ESTIMATION 21D07102	MACHINE MODELLING AND ANALYSIS 21D54102
15.07.2024 Monday	CONSTRUCTION PRACTICES 21D21102a	TRAFFIC ENGINEERING 21D93103a	ENERGY AUDITING AND MANAGEMENT 21D07103a	
	HUMAN RESOURCE DEVELOPMENT FOR CONSTRUCTION 21D21102b	PROJECT MANAGEMENT 21D93103b	MODELLING AND ANALYSIS OF HVDC SYSTEMS 21D07103b	MODERN CONTROL THEORY 21D07203b
	VALUE ENGINEERING 21D21102c	BRIDGE ENGINEERING 21D93103c	POWER SYSTEM OPTIMIZATION 21D07103c	POWER ELECTRONIC CONTROL OF DC DRIVES 21D54103a
18.07.2024 Thursday	ADVANCED CONCRETE TECHNOLOGY 21D21103a		SOLAR AND WIND ENERGY CONVERSION SYSTEMS 21D07104a	SOLAR ENERGY CONVERSION SYSTEMS 21D54104a
	CONSTRUCTION ECONOMICS AND FINANCE 21D21103b	GROUND IMPROVEMENT METHODS 21D93104b	SMART GRID TECHNOLOGIES 21D07104b	
	CONSTRUCTION TECHNOLOGY FOR TUNNELS 21D21103c	PAVEMENT MATERIALS AND PROPERTIES 21D93104a	ELECTRIC VEHICLE ENGINEERING 21D07104c	WIND ENERGY CONVERSION SYSTEMS 21D54104b
23.07.2024 Tuesday	RESEARCH METHODOLOGY AND IPR 21DRM101			

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Date / Day	VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	VLSI AND EMBEDDED SYSTEMS, EMBEDDED SYSTEMS AND VLSI, VLSI AND EMBEDDED SYSTEMS DESIGN	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	EMBEDDED SYSTEMS				
11.07.2024 Thursday	CMOS ANALOG IC DESIGN 21D57101	MICROCONTROLLERS AND PROGRAMMABLE DIGITAL SIGNAL PROCESSORS 21D06102	DIGITAL SYSTEM DESIGN WITH PLDS 21D06101	ADVANCED COMPUTER ARCHITECTURES 21D06103a				
					ADVANCED COMPUTER ARCHITECTURES 21D06103a			
18.07.2024 Thursday	MICROCHIP FABRICATION TECHNIQUES 21D57103a	LOW POWER VLSI DESIGN 21D68102a	ADVANCED COMPUTER ARCHITECTURE 21D06103a	ADVANCED COMPUTER ARCHITECTURES 21D06103a				
					NANOMATERIALS AND NANOTECHNOLOGY 21D57103b	DESIGN OF FAULT TOLERANT SYSTEMS 21D06103b	---	
					CAD FOR VLSI 21D57103c	NETWORK SECURITY AND CRYPTOGRAPHY 21D38201	ADVANCED OPERATING SYSTEMS 21D06103c	ADVANCED MICROCONTROLLERS 21D55101a
					DEVICE MODELLING 21D57104a	COMMUNICATION BUSES AND INTERFACES 21D68101a	---	EMBEDDED REAL TIME OPERATING SYSTEMS 21D06203c
20.07.2024 Saturday	FPGA ARCHITECTURES AND APPLICATIONS 21D57104b	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES 21D06104b	---	ADVANCED COMPUTER NETWORKS 21D55102a				
					ASIC DESIGN 21D57104c	DATA ACQUISITION SYSTEM DESIGN 21D68101b	ADVANCED DATA COMMUNICATION 21D06104c	---
23.07.2024 Tuesday	RESEARCH METHODOLOGY AND IPR 21DRM101							
25.07.2024 Thursday	---							
27.07.2024 Saturday	CMOS DIGITAL IC DESIGN 21D57102							

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Date / Day	ELECTRONICS AND COMMUNICATION ENGINEERING	DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	COMPUTER NETWORKS	SOFTWARE ENGINEERING
11.07.2024 Thursday	ADVANCED DIGITAL SYSTEM DESIGN 21D38101		DATA NETWORKS 21D08101	ADVANCED SOFTWARE QUALITY AND TESTING 21D25101
15.07.2024 Monday	WIRELESS COMMUNICATION AND NETWORKS 21D38102		ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101	
18.07.2024 Thursday	DESIGN OF FAULT TOLERANT SYSTEMS 21D06103b		REAL TIME SYSTEMS 21D08102a	SOFTWARE RELIABILITY 21D25102a
	VLSI TECHNOLOGY AND DESIGN 21D06202		NETWORKS SECURITY 21D08102b	...
20.07.2024 Saturday			CLOUD COMPUTING 21D08102c	SOFTWARE ARCHITECTURE 21D25102c
			DISTRIBUTED AND PARALLEL SYSTEMS 21D58204a	...
				DESIGN PATTERNS 21D58104b
23.07.2024 Tuesday				
25.07.2024 Thursday				
27.07.2024 Saturday				

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MACHINE LEARNING
21D58103a

INFORMATION RETRIEVAL
21D25102b

RESEARCH METHODOLOGY AND IPR
21DRM101

NETWORK CODING
21D08103a

SOFTWARE PROJECT PLANNING AND MANAGEMENT
21D25103a

5G COMMUNICATIONS
21D38104c

5G COMMUNICATION
21D38104c

OPTICAL COMMUNICATION AND NETWORKS
21D38104b

CODING THEORY AND TECHNIQUES
21D38104a

DISTRIBUTED AND PARALLEL SYSTEMS
21D58204a

CLOUD COMPUTING
21D08102c

SOFTWARE ARCHITECTURE
21D25102c

VLSI TECHNOLOGY AND DESIGN
21D06202

NETWORKS SECURITY
21D08102b

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DESIGN OF FAULT TOLERANT SYSTEMS
21D06103b

REAL TIME SYSTEMS
21D08102a

SOFTWARE RELIABILITY
21D25102a

WIRELESS COMMUNICATION AND NETWORKS
21D38102

ADVANCED DATA STRUCTURES AND ALGORITHMS
21D58101

DATA NETWORKS
21D08101

ADVANCED SOFTWARE QUALITY AND TESTING
21D25101

ELECTRONICS AND COMMUNICATION ENGINEERING

DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS

COMPUTER NETWORKS

SOFTWARE ENGINEERING



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Time: 10:00 AM to 01:00 PM

Date / Day	COMPUTER SCIENCE AND ENGINEERING	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	THERMAL SCIENCES AND ENERGY SYSTEMS	THERMAL ENGINEERING
11.07.2024 Thursday	ADVANCED COMPUTER NETWORKS 21D58102	MATHEMATICAL AND STATISTICAL FOUNDATIONS 21D85102 PRINCIPLES OF DATA SCIENCE 21D97105	ENERGY MANAGEMENT OF THERMAL SYSTEMS 21D11101	ADVANCED HEAT AND MASS TRANSFER 21D11201
15.07.2024 Monday	ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101	ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101.	ADVANCED THERMODYNAMICS 21D11102	
18.07.2024 Thursday	OBJECT ORIENTED SOFTWARE ENGINEERING 21D58103b DIGITAL IMAGE AND VIDEO PROCESSING 21D58103c	--- CLOUD COMPUTING 21D08102c NEURAL NETWORKS AND GENETIC ALGORITHMS 21D97102a	RENEWABLE ENERGY SOURCES 21D11103a DESIGN OF AIR-CONDITIONING SYSTEMS 21D11103b ENERGY CONSERVATION TECHNOLOGIES 21D11103c	ADVANCED TURBO MACHINES 21D88101a ADVANCED REFRIGERATION AND AIR-CONDITIONING 21D88101b DESIGN OF THERMAL SYSTEMS 21D88101c
20.07.2024 Saturday	DATA SCIENCE 21D58104a DESIGN PATTERNS 21D58104b INFORMATION SECURITY 21D58104c	ARTIFICIAL INTELLIGENCE 21D97101	FUELS AND COMBUSTION TECHNOLOGY 21D11104a INSTRUMENTATION FOR THERMAL ENGINEERING 21D11104b REFRIGERATION AND CRYOGENICS 21D11104c	FEA IN THERMAL ENGINEERING 21D88102a DESIGN OF HEAT EXCHANGERS 21D88102b
23.07.2024 Tuesday		RESEARCH METHODOLOGY AND IPR 21DRM101		
25.07.2024 Thursday		INFORMATION RETRIEVAL 21D25102b		
27.07.2024 Saturday		MACHINE LEARNING 21D58103a		

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Date / Day	REFRIGERATION AND AIR-CONDITIONING	PRODUCTION ENGINEERING	ADVANCED MANUFACTURING SYSTEMS
11.07.2024 Thursday	ADVANCED REFRIGERATION 21D17101	THEORY OF METAL CUTTING AND TOOL DESIGN 21D94101	AUTOMATION IN MANUFACTURING 21D87101
15.07.2024 Monday	ADVANCED THERMODYNAMICS 21D11102	ADVANCED WELDING TECHNOLOGY 21D94102	COMPUTER AIDED MANUFACTURING 21D87102
18.07.2024 Thursday	CONDUCTION AND RADIATION HEAT TRANSFER 21D17103a	MATERIALS TECHNOLOGY 21D15101c	PRECISION ENGINEERING 21D87103a
	DESIGN OPTIMIZATION 21D17103b	FRICITION AND WEAR IN MACHINERY 21D94103a	SPECIAL MANUFACTURING PROCESSES 21D87103b
	FOOD PRESERVATION TECHNIQUES 21D17103c	NANOTECHNOLOGY 21D94103b	PRODUCT DATA MANAGEMENT 21D87103c
20.07.2024 Saturday	PRINCIPLES OF AIR CONDITIONING 21D17104a	ADVANCED OPTIMIZATION TECHNIQUES 21D04201	DESIGN FOR MANUFACTURING AND ASSEMBLY 21D87104a
	CRYOGENIC ENGINEERING 21D17104b	QUALITY ENGINEERING 21D90301b	ADVANCED CAD 21D87104b
	SOLAR REFRIGERATION AND AIR CONDITIONING 21D17105c	ADVANCED METAL FORMING PROCESSES 21D90202c	ADVANCED MECHATRONICS 21D87104c
23.07.2024 Tuesday	RESEARCH METHODOLOGY AND IPR 21DRM101		

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Date / Day	MACHINE DESIGN	CAD/CAM	PRODUCTION ENGINEERING AND ENGINEERING DESIGN
11.07.2024 Thursday	COMPUTATIONAL METHODS 21DBS101		COMPUTATIONAL METHODS 21DBS101.
			DESIGN FOR MANUFACTURING 21D04301b
			RAPID PROTOTYPING 21D90101
15.07.2024 Monday	ADVANCED FINITE ELEMENT METHODS 21D04101		
18.07.2024 Thursday	ADVANCED MECHANISMS 21D15101a	ADVANCES IN MANUFACTURING TECHNOLOGY 21D04103a	
	COMPUTER APPLICATIONS IN DESIGN 21D15101b	QUALITY ENGINEERING AND MANUFACTURING 21D04103b	ADVANCES IN MANUFACTURING TECHNOLOGY 21D04103a
	MATERIALS TECHNOLOGY 21D15101c	COMPUTER AIDED PROCESS PLANNING 21D04103c	
20.07.2024 Saturday	ADVANCED MECHANICS OF SOLIDS 21D15102a	COMPUTER INTEGRATED MANUFACTURING 21D04102a	ADVANCED OPTIMIZATION TECHNIQUES 21D04201
	TRIBIOLOGY IN DESIGN 21D15102b	DESIGN FOR CELLULAR MANUFACTURING SYSTEM 21D04102b	MECHANICAL VIBRATIONS 21D15203a
	GEAR ENGINEERING 21D15102c	DESIGN OF HYDRAULIC AND PNEUMATIC SYSTEMS 21D04102c	GEOMETRICAL DIMENSIONING AND TOLERANCES 21D90102
23.07.2024 Tuesday	RESEARCH METHODOLOGY AND IPR 21DRM101		

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately

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