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

Examination Branch

M.Tech I Semester (R21) Supplementary July 2025 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	COMPUTER AIDED STRUCTURAL ENGINEERING	STRUCTURAL ENGINEERING	STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	GEOTECHNICAL ENGINEERING
05.07.2025 Saturday	THEORY OF ELASTICITY 21D35101	THEORY OF ELASTICITY 21D35101	THEORY OF ELASTICITY 21D35101. ADVANCED CONSTRUCTION TECHNIQUES 21D91103a QUALITY CONTROL AND SAFETY MANAGEMENT 21D91103b	DESIGN OF SHALLOW FOUNDATIONS 21D12101
08.07.2025 Tuesday	MATRIX METHODS OF STRUCTURAL ANALYSIS 21D35102	ADVANCED STRUCTURAL ANALYSIS 21D20101	MATRIX METHODS OF STRUCTURAL ANALYSIS 21D35102	ADVANCED SOIL MECHANICS 21D12102
10.07.2025 Thursday	C++ AND DATA STRUCTURES 21D35104a DESIGN OF PRESTRESSED CONCRETE 21D35104b MODELING SIMULATION AND COMPUTER APPLICATIONS 21D35104c	MAINTENANCE AND REHABILITATION OF STRUCTURES 21D20103a DESIGN OF BRIDGES 21D20103b	CONSTRUCTION MANAGEMENT 21D91101	NUMERICAL METHODS 21DBS104 GEO-ENVIRONMENTAL ENGINEERING 21D12104a SOIL STRUCTURE INTERACTION 21D12104b
14.07.2025 Monday	COMPUTER AIDED NUMERICAL METHODS 21DBS103 OPTIMIZATION IN STRUCTURAL DESIGN 21D35103a STRUCTURAL HEALTH MONITORING 21D35103b	ADVANCED MATHEMATICAL METHODS 21DBS105 ADVANCED CONCRETE TECHNOLOGY 21D21103a THEORY AND ANALYSIS OF PLATES AND SHELLS 21D35203b	ADVANCED MATHEMATICAL METHODS 21DBS105 COST EFFECTIVE HOUSING TECHNIQUES 21D91102a CONTRACT LAWS AND REGULATIONS 21D91102b	THEORETICAL SOIL MECHANICS 21D12103a GEO-TECHNICAL EARTH QUAKE ENGINEERING 21D12103b UNSATURATED SOIL MECHANICS 21D12103c
16.07.2025 Wednesday	RESEARCH METHODOLOGY AND IPR 21DRM101			

Date : 18-06-2025

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Date / Day	CONSTRUCTION PLANNING AND MANAGEMENT	HIGHWAY ENGINEERING	ELECTRICAL POWER SYSTEMS, POWER SYSTEMS	POWER ELECTRONICS, POWER ELECTRONICS AND ELECTRICAL DRIVES
05.07.2025 Saturday	PROBABILITY AND STATISTICS 21DB5106	HIGHWAY INFRASTRUCTURE DESIGN 21D93101	ADVANCED POWER SYSTEM PROTECTION 21D07101	SWITCHED MODE POWER CONVERTERS 21D54101
08.07.2025 Tuesday	CONSTRUCTION PLANNING AND PROJECT MANAGEMENT 21D21101	URBAN TRANSPORTATION PLANNING 21D93102	POWER SYSTEM SECURITY AND STATE ESTIMATION 21D07102	MACHINE MODELLING AND ANALYSIS 21D54102
10.07.2025 Thursday	CONSTRUCTION PRACTICES 21D21102a	TRAFFIC ENGINEERING 21D93103a	ENERGY AUDITING AND MANAGEMENT 21D07103a	
10.07.2025 Thursday	HUMAN RESOURCE DEVELOPMENT FOR CONSTRUCTION 21D21102b	PROJECT MANAGEMENT 21D93103b	MODELLING AND ANALYSIS OF HVDC SYSTEMS 21D07103b	MODERN CONTROL THEORY 21D07203b
10.07.2025 Thursday	VALUE ENGINEERING 21D21102c	BRIDGE ENGINEERING 21D93103c	POWER SYSTEM OPTIMIZATION 21D07103c	POWER ELECTRONIC CONTROL OF DC DRIVES 21D54103a
14.07.2025 Monday	ADVANCED CONCRETE TECHNOLOGY 21D21103a		SOLAR AND WIND ENERGY CONVERSION SYSTEMS 21D07104a	SOLAR ENERGY CONVERSION SYSTEMS 21D54104a
14.07.2025 Monday	CONSTRUCTION ECONOMICS AND FINANCE 21D21103b	GROUND IMPROVEMENT METHODS 21D93104b	SMART GRID TECHNOLOGIES 21D07104b	
14.07.2025 Monday	CONSTRUCTION TECHNOLOGY FOR TUNNELS 21D21103c	PAVEMENT MATERIALS AND PROPERTIES 21D93104a	ELECTRIC VEHICLE ENGINEERING 21D07104c	WIND ENERGY CONVERSION SYSTEMS 21D54104b
16.07.2025 Wednesday	RESEARCH METHODOLOGY AND IPR 21DRM101			

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Time: 10:00 AM to 01:00 PM

Date / Day	ELECTRONICS AND COMMUNICATION ENGINEERING	DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	COMPUTER NETWORKS	SOFTWARE ENGINEERING
05.07.2025 Saturday	ADVANCED DIGITAL SYSTEM DESIGN 21D38101		DATA NETWORKS 21D08101	ADVANCED SOFTWARE QUALITY AND TESTING 21D25101
08.07.2025 Tuesday	WIRELESS COMMUNICATION AND NETWORKS 21D38102		ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101	
10.07.2025 Thursday	DESIGN OF FAULT TOLERANT SYSTEMS 21D06103b VLSI TECHNOLOGY AND DESIGN 21D06202 ---		REAL TIME SYSTEMS 21D08102a NETWORKS SECURITY 21D08102b CLOUD COMPUTING 21D08102c	SOFTWARE RELIABILITY 21D25102a --- SOFTWARE ARCHITECTURE 21D25102c
14.07.2025 Monday	CODING THEORY AND TECHNIQUES 21D38104a OPTICAL COMMUNICATION AND NETWORKS 21D38104b		DISTRIBUTED AND PARALLEL SYSTEMS 21D58204a ---	DESIGN PATTERNS 21D58104b
16.07.2025 Wednesday	5G COMMUNICATIONS 21D38104c		5G COMMUNICATION 21D38104c NETWORK CODING 21D08103a RESEARCH METHODOLOGY AND IPR 21DRM101	SOFTWARE PROJECT PLANNING AND MANAGEMENT 21D25103a
18.07.2025 Friday	SoC ARCHITECTURE 21D06203a		---	INFORMATION RETRIEVAL 21D25102b
21.07.2025 Monday	---		---	MACHINE LEARNING 21D58103a

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Time: 10:00 AM to 01:00 PM

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
05.07.2025 Saturday	CMOS ANALOG IC DESIGN 21D57101	MICROCONTROLLERS AND PROGRAMMABLE DIGITAL SIGNAL PROCESSORS 21D06102	DIGITAL SYSTEM DESIGN WITH PLDs 21D06101	
08.07.2025 Tuesday	MICROCHIP FABRICATION TECHNIQUES 21D57103a	LOW POWER VLSI DESIGN 21D68102a	ADVANCED COMPUTER ARCHITECTURE 21D06103a	ADVANCED COMPUTER ARCHITECTURES 21D06103a
10.07.2025 Thursday	NANOMATERIALS AND NANOTECHNOLOGY 21D57103b	NANO-MATERIALS 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
14.07.2025 Monday		FPGA ARCHITECTURES AND APPLICATIONS 21D57104b	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES 21D06104b	ADVANCED COMPUTER NETWORKS 21D55102a
16.07.2025 Wednesday	ASIC DESIGN 21D57104c	DATA ACQUISITION SYSTEM DESIGN 21D68101b	ADVANCED DATA COMMUNICATION 21D06104c	---
18.07.2025 Friday		RESEARCH METHODOLOGY AND IPR 21DRM101		SoC ARCHITECTURE 21D06203a
21.07.2025 Monday	CMOS DIGITAL IC DESIGN 21D57102			

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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
05.07.2025 Saturday	ADVANCED COMPUTER NETWORKS 21D58102	MATHEMATICAL AND STATISTICAL FOUNDATIONS 21DB5102	ENERGY MANAGEMENT OF THERMAL SYSTEMS 21D11101	ADVANCED HEAT AND MASS TRANSFER 21D11201
08.07.2025 Tuesday	ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101	PRINCIPLES OF DATA SCIENCE 21D97105 --- ADVANCED DATA STRUCTURES AND ALGORITHMS 21D58101.	ADVANCED THERMODYNAMICS 21D11102	
10.07.2025 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
14.07.2025 Monday	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
16.07.2025 Wednesday	RESEARCH METHODOLOGY AND IPR 21DRM101			
18.07.2025 Friday	---	INFORMATION RETRIEVAL 21D25102b	---	---
21.07.2025 Monday	MACHINE LEARNING 21D58103a	---	---	---

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Date / Day	REFRIGERATION AND AIR-CONDITIONING	PRODUCTION ENGINEERING	ADVANCED MANUFACTURING SYSTEMS
05.07.2025 Saturday	ADVANCED REFRIGERATION 21D17101	THEORY OF METAL CUTTING AND TOOL DESIGN 21D94101	AUTOMATION IN MANUFACTURING 21D87101
08.07.2025 Tuesday	ADVANCED THERMODYNAMICS 21D11102	ADVANCED WELDING TECHNOLOGY 21D94102	COMPUTER AIDED MANUFACTURING 21D87102
10.07.2025 Thursday	CONDUCTION AND RADIATION HEAT TRANSFER 21D17103a	MATERIALS TECHNOLOGY 21D15101c	PRECISION ENGINEERING 21D87103a
	DESIGN OPTIMIZATION 21D17103b	FRICTION AND WEAR IN MACHINERY 21D94103a	SPECIAL MANUFACTURING PROCESSES 21D87103b
	FOOD PRESERVATION TECHNIQUES 21D17103c	NANOTECHNOLOGY 21D94103b	PRODUCT DATA MANAGEMENT 21D87103c
14.07.2025 Monday	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 REGRIGERATION AND AIR CONDITIONING 21D17105c	ADVANCED METAL FORMING PROCESSES 21D90202c	ADVANCED MECHATRONICS 21D87104c
16.07.2025 Wednesday	RESEARCH METHODOLOGY AND IPR 21DRM101		

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Date / Day	MACHINE DESIGN	CAD/CAM	PRODUCTION ENGINEERING AND ENGINEERING DESIGN
05.07.2025 Saturday	COMPUTATIONAL METHODS 21DBS101		COMPUTATIONAL METHODS 21DBS101.
			DESIGN FOR MANUFACTURING 21D04301b
			RAPID PROTOTYPING 21D90101
08.07.2025 Tuesday	ADVANCED FINITE ELEMENT METHODS 21D04101		
10.07.2025 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	
14.07.2025 Monday	ADVANCED MECHANICS OF SOLIDS 21D15102a	COMPUTER INTEGRAGED MANUFACTURING 21D04102a	ADVANCED OPTIMIZATION TECHNIQUES 21D04201
	TRIBIOLOGY IN DESIGN 21D15102b	DESIGN FOR CELLUALR MANUFACTURING SYSTEM 21D04102b	MECHANICAL VIBRATIONS 21D15203a
	GEAR ENGINEERING 21D15102c	DESIGN OF HYDRAULIC AND PNEUMATIC SYSTEMS 21D04102c	GEOMETRICAL DIMENSIONING AND TOLERANCES 21D90102
16.07.2025 Wednesday	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

Date : 18-06-2025

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