



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

Examination Branch

M.Tech II Semester (R21) Supplementary January/February 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		
24.01.2025 Friday	STRUCTURAL DYNAMICS 21D35201		STRUCTURAL DYNAMICS 21D35201.	DESIGN OF DEEP FOUNDATIONS 21D12201		
			CONSTRUCTION ECONOMICS AND FINANCE MANAGEMENT 21D91204a			
			CIVIL ENGINEERING MATERIALS SCIENCE 21D91204b			
28.01.2025 Tuesday	FINITE ELEMENT METHODS FOR STRUCTURAL ENGINEERING 21D35202	FINITE ELEMENT METHODS FOR STRUCTURAL ENGINEERING 21D20201	STABILITY OF STRUCTURES 21D91203a	GROUND IMPROVEMENT TECHNIQUES 21D12202		
			DESIGN OF PRESTRESSED CONCRETE 21D35104b			
			CONSTRUCTION PERSONNEL MANAGEMENT 21D91203b			
30.01.2025 Thursday	ARTIFICIAL NEURAL NETWORKS 21D35203a	DESIGN OF REINFORCED CONCRETE FOUNDATIONS 21D20202a	PROJECT PLANNING AND IMPLEMENTATION 21D91201	DESIGN WITH GEO-SYNTHETICS AND APPLICATIONS IN GEO TECHNICAL ENGINEERING 21D12203a		
					THEORY AND ANALYSIS OF PLATES AND SHELLS 21D35203b	EARTH AND EARTH RETAINING STRUCTURES 21D12203b
					RELIABILITY BASED ENGINEERING DESIGN 21D35203c	STABILITY OF STRUCTURES 21D20202c
01.02.2025 Saturday	ADVANCED CONCRETE TECHNOLOGY 21D21103a	ADVANCED STEEL DESIGN 21D20203a	FINITE ELEMENT ANALYSIS OF STRUCTURES 21D91202	FINITE ELEMENT METHODS FOR GEO-TECHNICAL APPLICATIONS 21D12204a		
					STABILITY OF STRUCTURES 21D35204a	EXPERIMENTAL GEO-MECHANICS 21D12204b
					FRACTURE MECHANICS 21D35204b	ADVANCED REINFORCED CONCRETE DESIGN 21D20203c

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Date / Day	CONSTRUCTION PLANNING AND MANAGEMENT	HIGHWAY ENGINEERING	ELECTRICAL POWER SYSTEMS		POWER SYSTEMS	POWER ELECTRONICS	POWER ELECTRONICS AND ELECTRICAL DRIVES
			POWER SYSTEM STABILITY AND CONTROL	FACTS CONTROLLERS			
24.01.2025 Friday	QUANTITATIVE METHODS IN CONSTRUCTION MANAGEMENT 21D21201	HIGHWAY PROJECT FORMULATION AND ECONOMICS 21D93201	POWER SYSTEM STABILITY AND CONTROL 21D07201	FACTS CONTROLLERS 21D07202	POWER SYSTEM STABILITY AND CONTROL 21D07201	MODERN POWER ELECTRONICS 21D54201	POWER ELECTRONICS AND ELECTRICAL DRIVES
	HIGH RISE BUILDING TECHNOLOGIES 21D21204a						
28.01.2025 Tuesday	MAINTENANCE AND REHABILITATION OF ENGINEERING STRUCTURES 21D21204b	PAVEMENT CONSTRUCTION, MAINTENANCE & MANAGEMENT 21D93202	POWER SYSTEM WIDE AREA MONITORING AND CONTROL 21D07203a	ADVANCED POWER SEMICONDUCTOR DEVICES AND PROTECTION 21D54202a	POWER QUALITY 21D07204b	AI TECHNIQUES IN ELECTRICAL ENGINEERING 21D54203a	POWER ELECTRONICS AND ELECTRICAL DRIVES
	DESIGN OF PRESTRESSED CONCRETE 21D35104b						
30.01.2025 Thursday	QUALITY AND SAFETY MANAGEMENT 21D21203a	PAVEMENT ANALYSIS AND DESIGN 21D93203a	MODERN CONTROL THEORY 21D07203b	APPLICATIONS OF POWER CONVERTERS 21D54202c	POWER QUALITY 21D07204b	AI TECHNIQUES IN ELECTRICAL ENGINEERING 21D54203a	POWER ELECTRONICS AND ELECTRICAL DRIVES
	STRATEGIC MANAGEMENT IN CONSTRUCTION 21D21203b						
01.02.2025 Saturday	FORM WORK DESIGN 21D21203c	LAND USE AND REGIONAL TRANSPORTATION PLANNING 21D93203c	REACTIVE POWER COMPENSATION AND MANAGEMENT 21D07203c	APPLICATIONS OF POWER CONVERTERS 21D54202c	POWER QUALITY 21D07204b	AI TECHNIQUES IN ELECTRICAL ENGINEERING 21D54203a	POWER ELECTRONICS AND ELECTRICAL DRIVES
	CONSTRUCTION TECHNIQUES, METHODS AND EQUIPMENT 21D21202						
		TRAFFIC ANALYSIS 21D93204a	DISTRIBUTED GENERATION AND MICRO GRID CONTROL 21D07204b	EHVAC TRANSMISSION SYSTEMS 21D07204c	POWER QUALITY 21D07204b	AI TECHNIQUES IN ELECTRICAL ENGINEERING 21D54203a	POWER ELECTRONICS AND ELECTRICAL DRIVES
		GIS APPLICATIONS IN TRANSPORTATION ENGINEERING 21D93204b					

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Date / Day	VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	VLSI AND EMBEDDED SYSTEMS	EMBEDDED SYSTEM AND VLSI	VLSI AND EMBEDDED SYSTEM DESIGN	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	EMBEDDED SYSTEMS
24.01.2025 Friday	CMOS MIXED SIGNAL IC DESIGN 21D57201	CMOS ANALOG IC DESIGN 21D57101	VLSI TECHNOLOGY AND DESIGN 21D06202	EMBEDDED PROGRAMMING 21D55201	VLSI DESIGN AND TESTING 21D06201	EMBEDDED REAL TIME OPERATING SYSTEMS 21D06203c
	LOW POWER VLSI DESIGN: 21D57204a					
28.01.2025 Tuesday	LOT AND ITS APPLICATIONS 21D57204b	PATTERN RECOGNITION AND MACHINE LEARNING 21D68201a	ADHOC AND WIRELESS SENSOR NETWORKS 21D06204b	SOFT COMPUTING TECHNIQUES 21D06301b	VLSI SIGNAL PROCESSING 21D57204c	DESIGN OF FAULT TOLERANT SYSTEMS 21D06103b
	SOC TESTING AND VERIFICATION 21D57203a					
30.01.2025 Thursday	SEMICONDUCTOR MEMORY DESIGN AND TESTING 21D57203b	PROGRAMMING LANGUAGES FOR EMBEDDED SOFTWARE 21D68201b	ALGORITHMS FOR VLSI DESIGN 21D06204c	MODERN CONTROL THEORY 21D55202b	MEMS SYSTEM DESIGN 21D57203c	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING 21D38301b
	PHYSICAL DESIGN AUTOMATION 21D57202					
01.02.2025 Saturday	PHYSICAL DESIGN AUTOMATION 21D57202	SYSTEM DESIGN WITH EMBEDDED LINUX 21D68202a	SOC ARCHITECTURE 21D06203a	SENSORS AND ACTUATORS 21D55202a	PHYSICAL DESIGN AUTOMATION 21D57202	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING 21D38301b
	PHYSICAL DESIGN AUTOMATION 21D57202					
04.02.2025 Tuesday						

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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
24.01.2025 Friday	ADVANCED COMMUNICATIONS AND NETWORKS 21D70202	NETWORK SECURITY AND CRYPTOGRAPHY 21D38201	NETWORK PROGRAMMING 21D08201	CLOUD COMPUTING 21D08102c
	EMBEDDED SYSTEMS DESIGN 21D06201	EMBEDDED SYSTEMS PROTOCOLS 21D06301a	INTERNET OF THINGS PROTOCOL ENGINEERING 21D58202	AGILE TECHNOLOGIES 21D25201
28.01.2025 Tuesday	COGNITIVE RADIO 21D38203a	IMAGE AND VIDEO PROCESSING 21D38203b	MEAN STACK DEVELOPMENT 21D08202a	METRICS AND MODELS FOR SOFTWARE ENGINEERING 21D25202a
	ADHOC AND WIRELESS SENSOR NETWORKS 21D06204b	ADHOC AND WIRELESS SENSOR NETWORKS 21D06204b	OPTICAL NETWORKS 21D08202b	MACHINE LEARNING APPLICATIONS FOR SOFTWARE ENGINEERING 21D25202b
30.01.2025 Thursday	DESIGN OF SECURE PROTOCOLS 21D08202c	MOBILE APPLICATION DEVELOPMENT 21D08203a	COMPUTER SYSTEM PERFORMANCE AND ANALYSIS 21D25202c	DATA ANALYTICS 21D58301c
	ADVANCED DIGITAL SIGNAL PROCESSING 21D70201	ADVANCED COMMUNICATIONS AND NETWORKS 21D38202	SOCIAL NETWORK ANALYSIS 21D08203b	SECURE SOFTWARE ENGINEERING 21D25203a
	EMBEDDED REAL TIME OPERATING SYSTEMS 21D06203c		ADVANCED CRYPTOGRAPHY 21D08203c	SOFTWARE AGENTS 21D25203b
04.02.2025 Tuesday				

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Date / Day	COMPUTER SCIENCE AND ENGINEERING	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	THERMAL SCIENCES AND ENERGY SYSTEMS	THERMAL ENGINEERING
24.01.2025 Friday	ADVANCED OPERATING SYSTEMS 21D58201	ADVANCED DATA MINING 21D97201	ADVANCED HEAT AND MASS TRANSFER 21D11201	ADVANCED IC ENGINES 21D88201
				DESIGN OF THERMAL SYSTEMS 21D88203a
28.01.2025 Tuesday	INTERNET OF THINGS 21D58202	...	ADVANCED ENERGY TECHNIQUES 21D11202	ENVIRONMENTAL ENGINEERING AND POLLUTION CONTROL 21D88203b
				ALTERNATIVE ENERGY SOURCES 21D88203c
				INSTRUMENTATION FOR THERMAL ENGINEERING 21D88202a
30.01.2025 Thursday	SERVICE ORIENTED ARCHITECTURE 21D58203b	INTRUSION DETECTION SYSTEMS 21D97204a	ENERGY AUDITING AND MANAGEMENT 21D11203a	CRYOGENIC ENGINEERING 21D88202b
				THERMAL AND NUCLEAR POWER PLANTS 21D88202c
				MODELING AND ANALYSIS OF ENERGY SYSTEMS 21D11203b
				OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS 21D11203c
01.02.2025 Saturday	DATA VISUALIZATION TECHNIQUES 21D58204a	COMPUTER VISION 21D58203c	COMPUTATIONAL FLUID DYNAMICS 21D11204a	COMPUTATIONAL FLUID DYNAMICS 21D11204a
				DATA ANALYTICS 21D58301c
				DISTRIBUTED SYSTEMS 21D58204b
				PATTERN RECOGNITION 21D97203a
				DESIGN OF HEAT TRANSFER EQUIPMENT 21D11204b
04.02.2025 Tuesday	PRIVATELY PRESERVING DATA PUBLISHING 21D58204c	INTELLIGENT AGENT SYSTEMS 21D97203b	ADVANCED IC ENGINES 21D11204c	COMPUTATIONAL FLUID DYNAMICS 21D11204a
				DEEP LEARNING 21D58203a

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Date / Day	REFRIGERATION AND AIR-CONDITIONING	PRODUCTION ENGINEERING	ADVANCED MANUFACTURING SYSTEMS
24.01.2025 Friday	DESIGN OF AIR-CONDITIONING SYSTEMS 21D17201	SIMULATION OF MANUFACTURING SYSTEMS 21D87201	
28.01.2025 Tuesday	CONVECTIVE HEAT AND MASS TRANSFER 21D17202	ADVANCED CASTING TECHNOLOGY 21D94201	QUALITY ENGINEERING IN MANUFACTURING 21D87202
30.01.2025 Thursday	REFRIDERATION EQUIPMENTS AND CONTROLS 21D17203a	---	MATERIAL SCIENCE AND TECHNOLOGY 21D87203a
	DESIGN OF HEAT TRANSFER EQUIPMENT 21D17203b	MACHINE TOOL DESIGN 21D94202	INDUSTRIAL ROBOTICS 21D87203b
	ADVANCED THERMAL STORAGE TECHNOLOGIES 21D17203c	COMPUTER GRAPHICS 21D04203b	ADVANCED TOOL DESIGN 21D87203c
01.02.2025 Saturday	ADVANCED FLUID MECHANICS 21D17204a	ANALYSIS AND CONTROL OF PRODUCTION SYSTEMS 21D94203	PRODUCTION AND OPERATIONS MANAGEMENT 21D87204a
	DESIGN OF HVAC SYSTEMS 21D17204b	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS 21D90301a	MODELLING OF MANUFACTURING SYSTEMS 21D87204b
	ENERGY CONSERVATION AND MANAGEMENT 21D17204c	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS 21D94203c	COMPUTATIONAL FLUID DYNAMICS 21D11204a
04.02.2025 Tuesday	---	AUTOMATION IN MANUFACTURING 21D87101	---

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Date / Day	MACHINE DESIGN	CAD/CAM	PRODUCTION ENGINEERING AND ENGINEERING DESIGN
24.01.2025 Friday	ADVANCED OPTIMIZATION TECHNIQUES 21D04201		SIMULATION OF MANUFACTURING SYSTEMS 21D90201
28.01.2025 Tuesday	FRACTURE FATIGUE AND CREEP DEFORMATION 21D15201	MECHATRONICS APPLICATIONS IN MANUFACTURING 21D04204a	---
		RAPID PROTOTYPING 21D04204b	
		ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS 21D04204c	
30.01.2025 Thursday	INDUSTRIAL ROBOTICS AND EXPERT SYSTEMS 21D15202a	CNC TECHNOLOGY AND PROGRAMMING 21D04203a	INDUSTRIAL ROBOTICS 21D87203b
	EXPERIMENTAL STRESS ANALYSIS 21D15202b	COMPUTER GRAPHICS 21D04203b	
	THEORY OF PLASTICITY 21D15202c	GLOBAL INTEGRATED MANUFACTURING 21D04203c	MATERIAL SCIENCE AND TECHNOLOGY 21D87203a
01.02.2025 Saturday	MECHANICAL VIBRATIONS 21D15203a	INDUSTRIAL ROBOTICS AND EXPERT SYSTEMS 21D04202	MECHANICS AND MANUFACTURING METHODS OF COMPOSITES 21D90202a
	DESIGN FOR MANUFACTURING 21D15203b		ADVANCED KINEMATICS OF MECHANISMS 21D90202b
	PRESSURE VESSEL DESIGN 21D15203c		ADVANCED METAL FORMING PROCESSES 21D90202c
04.02.2025 Tuesday	---		AUTOMATION IN MANUFACTURING 21D87101

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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