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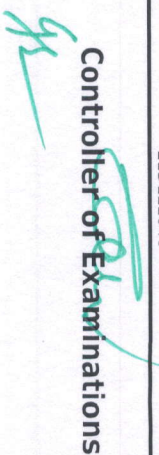## ANANTHAPURAMU – 515 002 (A.P.) – INDIA

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
28.01.2025 Tuesday	FINITE ELEMENT METHODS FOR STRUCTURAL ENGINEERING 21D35202	FINITE ELEMENT METHODS FOR STRUCTURAL ENGINEERING 21D20201	CONSTRUCTION ECONOMICS AND FINANCE MANAGEMENT 21D91204a CIVIL ENGINEERING MATERIALS SCIENCE 21D91204b STABILITY OF STRUCTURES 21D91203a DESIGN OF PRESTRESSED CONCRETE 21D35104b CONSTRUCTION PERSONNEL MANAGEMENT 21D91203b	GROUND IMPROVEMENT TECHNIQUES 21D12202
30.01.2025 Thursday	ARTIFICAL NEURAL NETWORKS 21D35203a THEORY AND ANALYSIS OF PLATES AND SHELLS 21D35203b RELIABILITY BASED ENGINEERING DESIGN 21D35203c	DESIGN OF REINFORCED CONCRETE FOUNDATIONS 21D20202a EXPERIMENTAL STRESS ANALYSIS 21D20202b. STABILITY OF STRUCTURES 21D20202c	PROJECT PLANNING AND IMPLEMENTATION 21D91201	DESIGN WITH GEO-SYNTHETICS AND APPLICATIONS IN GEO TECHNICAL ENGINEERING 21D12203a EARTH AND EARTH RETAINING STRUCTURES 21D12203b SOIL DYNAMICS AND MACHINE FOUNDATIONS 21D12203c
01.02.2025 Saturday	ADVANCED CONCRETE TECHNOLOGY 21D21103a STABILITY OF STRUCTURES 21D35204a FRACTURE MECHANICS 21D35204b	ADVANCED CONCRETE STEEL DESIGN 21D20203a FRACTURE MECHANICS 21D20203b ADVANCED REINFORCED CONCRETE DESIGN 21D20203c	FINITE ELEMENT ANALYSIS OF STRUCTURES 21D91202	FINITE ELEMENT METHODS FOR GEO-TECHNICAL APPLICATIONS 21D12204a EXPERIMENTAL GEO-MECHANICS 21D12204b ROCK MECHANICS 21D12204c

Date : 18-12-2024

Controller of Examinations

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	CONSTRUCTION PLANNING AND MANAGEMENT	HIGHWAY ENGINEERING	ELECTRICAL POWER SYSTEMS	POWER SYSTEMS	POWER ELECTRONICS	POWER ELECTRONICS AND ELECTRICAL DRIVES
24.01.2025 Friday	QUANTITATIVE METHODS IN CONSTRUCTION MANAGEMENT 21D21201	HIGHWAY PROJECT FORMULATION AND ECONOMICS 21D93201	POWER SYSTEM STABILITY ADN CONTROL 21D07201	POWER SYSTEM STABILITY AND CONTROL 21D07201		MODERN POWER ELECTRONICS 21D54201
28.01.2025 Tuesday	HIGH RISE BUILDING TECHNOLOGIES 21D21204a; MAINTENANCE AND REHABILITATION OF ENGINEERING STRUCTURES 21D21204b; DESIGN OF PRESTRESSED CONCRETE 21D35104b	PAVEMENT CONSTRUCTION, MAINTENANCE & MANAGEMENT 21D93202		FACTS CONTROLLERS 21D07202		
30.01.2025 Thursday	QUALITY AND SAFETY MANAGEMENT 21D21203a; STRATEGIC MANAGEMENT IN CONSTRUCTION 21D21203b; FORM WORK DESIGN 21D21203c	PAVEMENT ANALYSIS AND DESIGN 21D93203a; ROAD SAFETY ENGINEERING 21D93203b; LAND USE AND REGIONAL TRANSPORTATION PLANNING 21D93203c		POWER SYSTEM WIDE AREA MONITORING AND CONTROL 21D07203a; MODERN CONTROL THEORY 21D07203b; REACTIVE POWER COMPENSATION AND MANAGEMENT 21D07203c		ADVANCED ELECTRIC DRIVES 21D54202a; ADVANCED POWER SEMICONDUCTOR DEVICES AND PROTECTION 21D54202b; APPLICATIONS OF POWER CONVERTERS 21D54202c
01.02.2025 Saturday	CONSTRUCTION TECHNIQUES, METHODS AND EQUIPMENT 21D21202	TRAFFIC ANALYSIS 21D93204a; GIS APPLICATIONS IN TRANSPORTATION ENGINEERING 21D93204b; APPLIED STATISTICS 21DBS201		POWER QUALITY 21D07204a; DISTRIBUTED GENERATION AND MICRO GRID CONTROL 21D07204b; EHVAC TRANMISSION SYSTEMS 21D07204c		AI TECHNIQUES IN ELECTRICAL ENGINEERING 21D54203a; DIGITAL SIGNALPROCESSORS AND APPLICATIONS 21D54203b; DIGITAL SIGNAL PROCESSORS AND APPLICATIONS 21D54203b

Date : 18-12-2024

Controller of Examinations

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	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 21D55201	EMBEDDED PROGRAMMING 21D55201
28.01.2025 Tuesday	LOW POWER VLSI DESIGN 21D57204a			EMBEDDED SYSTEMS DESIGN 21D06201		
	IoT AND ITS APPLICATIONS 21D57204b					
	VLSI SIGNAL PROCESSING 21D57204c					
30.01.2025 Thursday	SoC TESTING AND VERIFICATION 21D57203a	PATTERN RECOGNITION AND MACHINE LEARNING 21D68201a			HARDWARE AND SOFTWARE CO-DESIGN 21D06204a	SOFT COMPUTING TECHNIQUES 21D06301b
	SEMICONDUCTOR MEMORY DESIGN AND TESTING 21D57203b	PROGRAMMING LANGUAGES FOR EMBEDDED SOFTWARE 21D68201b			ADHOC AND WIRELESS SENSOR NETWORKS 21D06204b	DESIGN OF FAULT TOLERANT SYSTEMS 21D06103b
	MEMS SYSTEM DESIGN 21D57203c	RF IC DESIGN 21D68201c			ALGORITHMS FOR VLSI DESIGN 21D06204c	MODERN CONTROL THEORY 21D55202b
		SoC ARCHITECTURE 21D06203a			SoC ARCHITECTURE 21D06203a	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING 21D38301b
01.02.2025 Saturday	PHYSICAL DESIGN AUTOMATION 21D57202	SYSTEM DESIGN WITH EMBEDDED LINUX 21D68202a			EMBEDDED SOFTWARE ENGINEERING 21D06203b	SENSORS AND ACTUATORS 21D55202a
04.02.2025 Tuesday	PHYSICAL DESIGN AUTOMATION 21D57202..		PHYSICAL DESIGN AUTOMATION 21D57202		EMBEDDED REAL TIME OPERATING SYSTEMS 21D06203c	---

Date : 18-12-2024

Controller of Examinations

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	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
28.01.2025 Tuesday	EMBEDDED SYSTEMS DESIGN 21D06201 / EMBEDDED SYSTEMS PROTOCOLS 21D06301a		INTERNET OF THINGS PROTOCOL ENGINEERING 21D58202	AGILE TECHNOLOGIES 21D25201
30.01.2025 Thursday	COGNITIVE RADIO 21D38203a		MEAN STACK DEVELOPMENT 21D08202a	METRICS AND MODELS FOR SOFTWARE ENGINEERING 21D25202a
	IMAGE AND VIDEO PROCESSING 21D38203b		OPTICAL NETWORKS 21D08202b	MACHINE LEARNING APPLICATIONS FOR SOFTWARE ENGINEERING 21D25202b
			DESIGN OF SECURE PROTOCOLS 21D08202c	COMPUTER SYSTEM PERFORMANCE AND ANALYSIS 21D25202c
01.02.2025 Saturday	ADHOC ANDA WIRELESS SENSOR NETWORKS 21D06204b	ADHOC AND WIRELESS SENSOR NETWORKS 21D06204b	MOBILE APPLICATION DEVELOPMENT 21D08203a	DATA ANALYTICS 21D58301c
	ADVANCED DIGITAL SIGNAL PROCESSING 21D70201	ADVANCED COMMUNICATIONS AND NETWORKS 21D38202	SOCIAL NETWORK ANALYSIS 21D08203b	SECURE SOFTWARE ENGINEERING 21D25203a
			ADVANCED CRYPTOGRAPHY 21D08203c	SOFTWARE AGENTS 21D25203b
04.02.2025 Tuesday	EMBEDDED REAL TIME OPERATING SYSTEMS 21D06203c		---	

Date : 18-12-2024

Controller of Examinations

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 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
28.01.2025 Tuesday	INTERNET OF THINGS 21D58202	---	ADVANCED ENERGY TECHNIQUES 21D11202	DESIGN OF THERMAL SYSTEMS 21D88203a; ENVIRONMENTAL ENGINEERING AND POLLUTION CONTROL 21D88203b; ALTERNATIVE ENERGY SOURCES 21D88203c
30.01.2025 Thursday	SERVICE ORIENTED ARCHITECTURE 21D58203b; ---; COMPUTER VISION 21D58203c	NATURAL LANGUAGE PROCESSING 21D97204b; INTRUSION DETECTION SYSTEMS 21D97204a	MODELING AND ANALYSIS OF ENERGY SYSTEMS 21D11203b; ENERGY AUDITING AND MANAGEMENT 21D11203a; OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS 21D11203c	CRYOGENIC ENGINEERING 21D88202b; INSTRUMENTATION FOR THERMAL ENGINEERING 21D88202a; THERMAL AND NUCLEAR POWER PLANTS 21D88202c
01.02.2025 Saturday	DATA VISUALIZATION TECHNIQUES 21D58204a; DISTRIBUTED SYSTEMS 21D58204b	DATA ANALYTICS 21D58301c; PATTERN RECOGNITION 21D97203a	DESIGN OF HEAT TRANSFER EQUIPMENT 21D11204b; COMPUTATIONAL FLUID DYNAMICS 21D11204a	COMPUTATIONAL FLUID DYNAMICS 21D11204a
04.02.2025 Tuesday	PRIVACY PRESERVING DATA PUBLISHING 21D58204c; DEEP LEARNING 21D58203a	INTELLIGENT AGENT SYSTEMS 21D97203b	ADVANCED IC ENGINES 21D11204c	---

Date : 18-12-2024

Controller of Examinations

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	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 OFHEAT 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	---

Date : 18-12-2024

Controller of Examinations

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	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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Controller of Examinations