



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

Examination Branch

M.Tech II Semester (R17) Supplementary July/August 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	COMPUTER NETWORKS	COMPUTER SCIENCE AND ENGINEERING, COMPUTER SCIENCE	SOFTWARE ENGINEERING
10.07.2024 Wednesday	WIRELESS SENSOR NETWORKS 17D08201	INTERNET OF THINGS 17D58203	
		DISTRIBUTED COMPUTING 17D58204	SOFTWARE RELIABILITY 17D25204
		NETWORK SECURITY & CRYPTOGRAPHY 17D08102	SOFTWARE QUALITY ASSURANCE 17D25203
		NOSQL DATABASES 17D58205	SOFTWARE PROJECT MANAGEMENT 17D25205
12.07.2024 Friday	---		MODEL DRIVEN SOFTWARE ENGINEERING 17D25202
16.07.2024 Tuesday	MOBILE APPLICATION DEVELOPMENT 17D58202		SOFTWARE PATTERNS 17D58103
19.07.2024 Friday	DIGITAL AND CYBER FORENSICS 17D08202	ADVANCES IN SOFTWARE TESTING 17D25201	
	INTERNET SECURITY PROTOCOLS 17D08203		
	ARTIFICIAL INTELLIGENCE 17D58107		
	ADVANCES IN SOFTWARE TESTING 17D25201.		
22.07.2024 Monday	MACHINE LEARNING 17D58206		---
	CLOUD COMPUTING 17D58207		SOFTWARE REENGINEERING 17D25206
	MOBILE ADHOC NETWORKS 17D08204	SOFTWARE CONFIGURATION MANAGEMENT 17D25207	
	SECURE SOFTWARE ENGINEERING 17D25208	NATURAL LANGUAGE PROCESSING 17D58208	SECURE SOFTWARE ENGINEERING 17D25208
24.07.2024 Wednesday	BIG DATA ANALYTICS 17D58201		

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Date / Day	CONSTRUCTION PLANNING AND MANAGEMENT	HIGHWAY ENGINEERING	STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	STRUCTURAL ENGINEERING
10.07.2024 Wednesday	QUANTITATIVE METHODS IN CONSTRUCTION MANAGEMENT 17D21201	HIGHWAY PROJECT FORMULATION AND ECONOMICS 17D93201	STRUCTURAL DYNAMICS 17D20201	
12.07.2024 Friday	CONSTRUCTION TECHNIQUES, METHODS & EQUIPMENT 17D21202	PAVEMENT CONSTRUCTION, MAINTENANCE & MANAGEMENT 17D93202	FINITE ELEMENT METHODS 17D20202	
16.07.2024 Tuesday	QUALITY & SAFETY MANAGEMENT 17D21203	PAVEMENT ANALYSIS AND DESIGN 17D93203	STABILITY OF STRUCTURES 17D20203	
19.07.2024 Friday	HIGH RISE BUILDING TECHNOLOGIES 17D21204	TRAFFIC ANALYSIS 17D93204	PROJECT PLANNING AND IMPLEMENTATION 17D91201	ADVANCED STEEL STRUCTURES 17D20208
	STRATEGIC MANAGEMENT IN CONSTRUCTION 17D21205	ROAD SAFETY ENGINEERING 17D93205	CONSTRUCTION PLANNING, SCHEDULING AND CONTROL 17D91204	BUILDING CONSTRUCTION AND MANAGEMENT 17D20209
22.07.2024 Monday	FORM WORK DESIGN 17D21206	LAND USE AND TRANSPORTATION MODELING 17D93206	CIVIL ENGINEERING MATERIALS SCIENCE 17D91205	
	MAINTENANCE AND REHABILITATION OF STRUCTURES 17D20109	TRANSPORTATION SYSTEM MANAGEMENT 17D93207	ENVIRONMENT & POLLUTION 17D91206	FRACTURE MECHANICS 17D20210
	EARTHQUAKE RESISTANT STRUCTURES 17D20207	ENVIRONMENTAL IMPACT ASSESSMENT FOR TRANSPORTATION PROJECTS 17D93208	PRESTRESSED CONCRETE 17D20108	DESIGN OF BRIDGES 17D20205
24.07.2024 Wednesday	PRESTRESSED CONCRETE 17D20108	GIS APPLICATIONS IN TRANSPORTATION ENGINEERING 17D93209	CONSTRUCTION PERSONNEL MANAGEMENT 17D91202	ADVANCED STRUCTURAL DESIGN 17D20206
	LOW COST HOUSING TECHNIQUES 17D20107	OPTIMIZATION TECHNIQUES 17D93210	CONSTRUCTION ECONOMICS AND FINANCE MANAGEMENT 17D91203	EARTHQUAKE RESISTANT STRUCTURES 17D20207
26.07.2024 Friday		---		ANALYSIS OF SHELLS AND FOLDED PLATES 17D20204

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Date / Day	COMPUTER AIDED STRUCTURAL ENGINEERING	ELECTRICAL POWER ENGINEERING, ELECTRICAL POWER SYSTEMS, POWER SYSTEMS	POWER ELECTRONICS, POWER & INDUSTRIAL DRIVES, POWER ELECTRONICS AND ELECTRICAL DRIVES, POWER ELECTRONICS & DRIVES
10.07.2024 Wednesday	STRUCTURAL DYNAMICS 17D20201	RELIABILITY ENGINEERING AND APPLICATION TO POWER SYSTEMS 17D49201	ADVANCED POWER CONVERTERS 17D54201
12.07.2024 Friday	FINITE ELEMENT METHODS 17D20202	POWER QUALITY 17D49202	
16.07.2024 Tuesday	ARTIFICIAL NEURAL NETWORKS 17D35201	SMART GRID TECHNOLOGIES 17D49203	ADVANCED DRIVES & CONTROL 17D54202
19.07.2024 Friday	CAD AND COMPUTER APPLICATIONS IN STRUCTURAL ENGINEERING 17D35202	POWER SYSTEM STABILITY & CONTROL 17D49204	RENEWABLE ENERGY CONVERSION SYSTEMS 17D54203
22.07.2024 Monday	MANAGEMENT INFORMATION SYSTEMS 17D35204	REACTIVE POWER COMPENSATION & MANAGEMENT 17D49205	
	FRACTURE MECHANICS 17D20210	POWER SYSTEM OPTIMIZATION 17D49206	ADAPTIVE CONTROL 17D54204
	ADVANCED CONCRETE TECHNOLOGY 17D20106	HVDC & EHVAC TRANSMISSION SYSTEMS 17D49207	
24.07.2024 Wednesday	---	DISTRIBUTED GENERATION & MICRO GRID CONTROL 17D49208	
	RELIABILITY BASED ENGINEERING DESIGN 17D35203	WIND ENERGY CONVERSION SYSTEMS 17D49209	ENERGY EFFICIENT ELECTRICAL SYSTEMS 17D54205
	EARTHQUAKE RESISTANT STRUCTURES 17D20207	INTELLIGENT CONTROL TECHNIQUES 17D49210	
26.07.2024 Friday	ANALYSIS OF SHELLS AND FOLDED PLATES 17D20204	---	

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Date / Day	DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	ELECTRONICS AND COMMUNICATION ENGINEERING	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS
10.07.2024 Wednesday	EMBEDDED SYSTEM DESIGN 17D06201		
12.07.2024 Friday	DIGITAL IMAGE AND VIDEO PROCESSING 17D06209	SOFT COMPUTING TECHNIQUES 17D07022	---
		ADVANCED COMPUTER ARCHITECTURE 17D06103	DIGITAL IMAGE AND VIDEO PROCESSING 17D06209
			LOW POWER VLSI DESIGN 17D06210
16.07.2024 Tuesday	SENSORS AND ACTUATORS 17D06204		
19.07.2024 Friday	WIRELESS COMMUNICATIONS AND NETWORKS 17D38201		CPLD & FPGA ARCHITECTURES AND APPLICATIONS 17D06202
22.07.2024 Monday	SOFTWARE DEFINED RADIO 17D38204		---
	SPEECH PROCESSING 17D38203	---	MEMS & ITS APPLICATIONS 17D06206
	----		SYSTEM ON CHIP DESIGN 17D06207
24.07.2024 Wednesday	---	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES 17D70203	LINUX PROGRAMMING AND OOPS 17D06203
	WIRELESS ADHOC NETWORKS 17D38205	EMI/EMC 17D70204	
	OPTICAL COMMUNICATION TECHNOLOGY 17D38206	---	
26.07.2024 Friday	INTERNET OF THINGS 17D38202		---
29.07.2024 Monday	NETWORK SECURITY & CRYPTOGRAPHY 17D06208	DETECTION AND ESTIMATION THEORY 17D70201	NETWORK SECURITY & CRYPTOGRAPHY 17D06208
31.07.2024 Wednesday	---		INTERNET PROTOCOLS 17D06205

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Date / Day	EMBEDDED SYSTEMS	VLSI AND EMBEDDED SYSTEMS, EMBEDDED SYSTEMS AND VLSI, VLSI AND EMBEDDED SYSTEMS DESIGN	VLSI / VLSI SYSTEMS / VLSI SYSTEM DESIGN
10.07.2024 Wednesday	ARM BASED EMBEDDED SYSTEM DESIGN 17D55203		EMBEDDED SYSTEM DESIGN 17D06201
12.07.2024 Friday	---		
	DIGITAL IMAGE AND VIDEO PROCESSING 17D06209		SEMICONDUCTOR MEMORY DESIGN AND TESTING 17D57203
	SOFT COMPUTING TECHNIQUES 17D70202	---	RF IC DESIGN 17D57204
16.07.2024 Tuesday	---	LOW POWER VLSI DESIGN 17D57201	
19.07.2024 Friday	EMBEDDED NETWORKING 17D55202		TEST AND TESTABILITY 17D06109
22.07.2024 Monday	ASIC DESIGN 17D55206		---
	MEMS & ITS APPLICATIONS 17D06206		
	---		PHYSICAL DESIGN AUTOMATION 17D57205
24.07.2024 Wednesday	---	CMOS MIXED SIGNAL DESIGN 17D57202	
26.07.2024 Friday	INTERNET OF THINGS 17D38202	---	INTERNET OF THINGS 17D38202
29.07.2024 Monday	SYSTEM ON CHIP ARCHITECTURE 17D55201		
31.07.2024 Wednesday	INTERNET PROTOCOLS 17D06205		---
02.08.2024 Friday	HARDWARE AND SOFTWARE CO- DESIGN OF EMBEDDED SYSTEM 17D55204		

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Date / Day	ADVANCED MANUFACTURING SYSTEMS	MACHINE DESIGN	CAD/CAM	PRODUCTION ENGINEERING AND ENGINEERING DESIGN
10.07.2024 Wednesday	SIMULATION MODELING OF MANUFACTURING SYSTEMS 17D87201	ADVANCED OPTIMIZATION TECHNIQUES 17D15209	RAPID PROTOTYPING 17D04208	INDUSTRIAL ROBOTICS 17D90205
			ARTIFICIAL INTELLIGENCE & EXPERT SYSTEMS 17D04209	
	PERFORMANCE MODELING AND ANALYSIS OF MANUFACTURING SYSTEMS 17D87206		PROCESSING OF COMPOSITE MATERIALS 17D04210	
12.07.2024 Friday	COMPUTATIONAL FLUID DYNAMICS 17D87209	FRACTURE FATIGUE AND CREEP DEFORMATION 17D15201	COMPUTER GRAPHICS 17D04205	MATERIALS TECHNOLOGY 17D15104
	INTELLIGENT MANUFACTURING SYSTEMS 17D87207		GLOBAL INTEGRATED MANUFACTURING 17D04206	NON-DESTRUCTIVE EVALUATION 17D90202
16.07.2024 Tuesday	MATERIALS TECHNOLOGY 17D87208	INDUSTRIAL ROBOTICS AND EXPERT SYSTEM 17D04202	COMPUTER AIDED TOOLS FOR MANUFACTURING 17D04207	AUTOMATION IN MANUFACTURING 17D87101
19.07.2024 Friday	PRODUCTION AND OPERATIONS MANAGEMENT 17D87203	MECHANICAL VIBRATIONS 17D15202	INDUSTRIAL ROBOTICS AND EXPERT SYSTEMS 17D04202	SIMULATION & MODELING OF MANUFACTURING SYSTEMS 17D90206
	INDUSTRIAL ROBOTICS 17D87204	EXPERIMENTAL STRESS ANALYSIS 17D15203	ADVANCED OPTIMIZATION TECHNIQUES 17D04201	
22.07.2024 Monday	ADVANCED TOOL DESIGN 17D04106	THEORY OF PLASTICITY 17D15204	MECHATRONICS APPLICATIONS IN MANUFACTURING 17D04204	MECHANICS & MANUFACTURING METHODS OF COMPOSITES 17D90201
	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS 17D87205	APPLIED ENGINEERING ACOUSTICS 17D15205		ADVANCED MECHANISMS 17D15101
		DESIGN FOR MANUFACTURING 17D04109		ADVANCED METAL FORMING 17D90203
24.07.2024 Wednesday	QUALITY ENGINEERING IN MANUFACTURING 17D87202	PRESSURE VESSEL DESIGN 17D15206	CNC TECHNOLOGY & PROGRAMMING 17D04203	FRICTION AND WEAR MACHINERY 17D90204
		MECHANICS OF COMPOSITE MATERIALS 17D15207		

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Time: 10:00 AM to 01:00 PM

Date / Day	PRODUCTION ENGINEERING	THERMAL SCIENCES AND ENERGY SYSTEMS	THERMAL ENGINEERING	REFRIGERATION AND AIR-CONDITIONING	
10.07.2024 Wednesday	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS 17D94205	ADVANCED HEAT AND MASS TRANSFER 17D11201	CRYOGENICS ENGINEERING 17D17107	DESIGN OF AIR- CONDITIONING SYSTEMS 17D11105	
	ARTIFICIAL INTELLIGENCE & EXPERT SYSTEMS 17D04209		THERMAL & NUCLEAR POWER PLANTS 17D88202		
	MACHINE TOOL DYNAMICS 17D94204		JET PROPULSION & ROCKETRY 17D88203		
12.07.2024 Friday	ADVANCED CASTING TECHNOLOGY 17D94202	ENERGY AUDITING AND MANAGEMENT 17D11203	DESIGN OF THERMAL SYSTEMS 17D88201	ADVANCED THERMAL STORAGE TECHNOLOGIES 17D17204 INDOOR AIR QUALITY CONTROL 17D17205 CONVECTIVE HEAT & MASS TRANSFER 17D17201 REFRIGERATION EQUIPMENT & CONTROLS 17D17202	
	COMPUTER GRAPHICS 17D04205				
	MEASUREMENT SYSTEMS 17D94203				
16.07.2024 Tuesday	AUTOMATION IN MANUFACTURING 17D87101	ADVANCED ENERGY TECHNOLOGIES 17D11202	INTRUMENTATION FOR THERMAL ENGINEERING 17D11108		
19.07.2024 Friday	SIMULATION & MODELING OF MANUFACTURING SYSTEMS 17D90206	COMPUTATIONAL FLUID DYNAMICS 17D11204	ENVIRONMENTAL ENGINEERING POLLUTION CONTROL 17D88204		
22.07.2024 Monday	MACHINE TOOL DESIGN 17D94201		ENERGY SYSTEMS & MODELING ANALYSIS 17D11205	ALTERNATIVE ENERGY SOURCES 17D88205	HVAC SYSTEM DESIGN 17D17206
			OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS 17D11206	AIR CRAFT AND SPACE PROPULSION 17D88206	ENERGY CONSERVATION AND MANAGEMENT 17D17207
		ENERGY STORAGE SYSTEMS 17D11207		COGENERATION AND WASTE HEAT RECOVERY SYSTEMS 17D17208	
24.07.2024 Wednesday	ADVANCED METAL FORMING 17D90203		ADVANCED INTERNAL COMBUSTION ENGINES 17D11209	ADVANCED FLUID MECHANICS 17D17203	
		ADVANCED INTERNAL COMBUSTION ENGINES 17D11209.			
		COGENERATION AND WASTE HEAT RECOVERY SYSTEM 17D11210			
26.07.2024 Friday		DESIGN OF HEAT TRANSFER EQUIPMENT 17D11208		DESIGN OF HEAT TRANSFER EQUIPMENT 17D11208	

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Date / Day	GEOTECHNICAL ENGINEERING	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
10.07.2024 Wednesday	DESIGN OF DEEP FOUNDATIONS 17D12201	ADVANCED MACHINE LEARNING 20D97201
12.07.2024 Friday	GROUND IMPROVEMENT TECHNIQUES 17D12202	BIG DATA ENGINEERING 20D97202
16.07.2024 Tuesday	GEO-SYNTHETICS AND APPLICATIONS IN GEO-TECHNICAL ENGINEERING 17D12203	APPLICATIONS OF AI & ML 20D97203
19.07.2024 Friday	EARTH AND EARTH RETAINING STRUCTURES 17D12205	INTELLIGENT SYSTEMS 20D97206
	PAVEMENT ANALYSIS AND DESIGN 17D12206	COGNITIVE SCIENCE 20D97207
	OFF SHORE GEO TECHNICAL ENGINEERING 17D12207	REINFORCEMENT LEARNING 20D97208
	REINFORCED SOIL STRUCTURES 17D12208	INTELLIGENT INFORMATION RETRIEVAL 20D97209
22.07.2024 Monday	EXPERIMENTAL GEO-MECHANICS 17D12209	NATURAL LANGUAGE PROCESSING 17D58208
	ROCK MECHANICS 17D12210	GENETIC ALGORITHMS & APPLICATIONS 20D97204
	OPTIMIZATION TECHNIQUES IN GEO TECHNICAL ENGINEERING 17D12211	COMPUTATIONAL INTELLIGENCE 20D97205
	FORENSIC GEO TECHNICAL ENGINEERING 17D12212	CLOUD COMPUTING 17D58207
24.07.2024 Wednesday	FINITE ELEMENT METHOD FOR GEO-TECHNICAL APPLICATIONS 17D12204	---

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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