



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable
M.Tech - II Semester Regular Examinations October 2022
(for students admitted in 2021 only)

Time: 10.00 AM to 01.00 PM

Date / Day	Computer Aided Structural Engineering (CASE)	Structural Engineering (Struc.E)	Structural Engineering & Construction Management (SE&CM)	Geotechnical Engineering (GTE)
20.10.2022 Thursday	Structural Dynamics 21D35201 (Common to CASE, Struc.E and SE&CM)		Structural Dynamics 21D35201 (Common to CASE, Struc.E and SE&CM)	Design of Deep Foundations 21D12201
			Construction Economics & Finance Management 21D91204a	
			Civil Engineering Materials Science 21D91204b	
			Stability of Structures 21D91203a	
22.10.2022 Saturday	Finite Element Methods for Structural Engineering 21D35202	Finite Element Methods for Structural Engineering 21D20201	Design of Prestressed Concrete 21D35104b (Common to SE&CM and CPM)	Ground Improvement Techniques 21D12202
			Construction Personnel Management 21D91203b	
26.10.2022 Wednesday	Artificial Neural Networks 21D35203a Theory & Analysis of Plates & Shells 21D35203b Reliability Based Engineering Design 21D35203c	Design of Reinforced Concrete Foundations 21D20202a Experimental Stress Analysis 21D20202b Stability of Structures 21D20202c	Project Planning & Implementation 21D91201	Design with Geo-Synthetics & Applications 21D12203a
				Earth & Earth Retaining Structures 21D12203b
				Soil Dynamics & Machine Foundations 21D12203c
				Finite Element Methods for Geo-Technical Applications 21D12204a
28.10.2022 Friday	Advanced Concrete Technology 21D21103a Stability of Structures 21D35204a Fracture Mechanics 21D35204b	Advanced Steel Design 21D20203a Fracture Mechanics 21D20203b Advanced Reinforced Concrete Design 21D20203c	Finite Element Analysis of Structures 21D91202	Experimental Geo-Mechanics 21D12204b
				Rock Mechanics 21D12204c

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Date / Day	Construction Planning & Management (CPM)	Highway Engineering (HE)	Electrical Power Systems and Power System (EPS & PS)	Power Electronics and Power Electronics & Electrical Drives (PE & PEED)
20.10.2022 Thursday	Quantitative Methods in Construction Management 21D21201	Highway Project Formulation & Economics 21D93201	Power System Stability & Control 21D07201	Modern Power Electronics 21D54201
22.10.2022 Saturday	High Rise Building Technologies 21D21204a	Pavement Construction, Maintenance & Management 21D93202	FACTS Controllers 21D07202 (Common to EPS, PS, PE and PEED)	Advanced Electric Drives 21D54202a
	Maintenance & Rehabilitation of Engineering Structures 21D21204b			
	Design Prestressed Concrete 21D35104b (Common to SE&CM and CPM)			
26.10.2022 Wednesday	Quality & Safety Management 21D21203a	Pavement Analysis & Design 21D93203a	Power System Wide Area Monitoring & Control 21D07203a	Advanced Power Semiconductor Devices & Protection 21D54202b
	Strategic Management in Construction 21D21203b	Road Safety Engineering 21D93203b	Modern Control Theory 21D07203b	Applications of Power Converters 21D54202c
	Form Work Design 21D21203c	Land Use & Regional Transportation Planning 21D93203c	Reactive Power Compensation & Management 21D07203c	
28.10.2022 Friday	Construction Techniques, Methods & Equipment 21D21202	Traffic Analysis 21D93204a	Power Quality 21D07204a (Common to EPS, PS, PE and PEED)	AI Techniques in Electrical Engineering 21D54203a
		Applied Statistics 21D93201	Distributed Generation & Micro Grid Control 21D07204b	Digital Signal Processors & Applications 21D54203b
		GIS Applications in Transportation Engineering 21D93204b	EHVAC Transmission Systems 21D07204c	

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Date / Day	VLSI, VLSI Design, VLSI System Design (VLSI, VLSIS and VLSISD)	VLSI & Embedded Systems, Embedded Systems & VLSI and VLSI & Embedded System Design (VLSI&ES, ES&VLSI and VLSI&ESD)	Digital Systems & Computer Electronics (DSCE)	Embedded Systems (ES)
20.10.2022 Thursday	CMOS Mixed Signal IC Design 21D57201	CMOS Analog IC Design 21D57101	VLSI Technology & Design 21D06202	Embedded Programming 21D55201
22.10.2022 Saturday	Low Power VLSI Design 21D57204a	Embedded Systems Design 21D06201 (Common to VLSI&ES, ES&VLSI VLSI&ESD, DSCE, ES, ECE and DECS)		
	IoT & its Applications 21D57204b			
	VLSI Signal Processing 21D57204c			
26.10.2022 Wednesday	Soc Testing & Verification 21D57203a	Pattern Recognition & Machine Learning 21D68201a	Hardware & Software Co-Design 21D06204a (Common to DSCE and ES)	
	Semiconductor Memory Design & Testing 21D57203b	Programming Languages for Embedded Software 21D68201b	Adhoc & Wireless Sensor Networks 21D06204b (Common to DSCE, ECE and DECS)	Soft Computing Techniques 21D06301b
	MEMS System Design 21D57203c	RF IC Design 21D68201c	Algorithms for VLSI Design 21D06204c	Design of Fault Tolerant Systems 21D06103b
28.10.2022 Friday	Physical Design Automation 21D57202 (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI and VLSI&ESD)	Soc Architecture 21D06203a		Sensors & Actuators 21D55202a
		System Design with Embedded Linux 21D68202a	Embedded Software Engineering 21D06203b	Modern Control Theory 21D55202b
		Physical Design Automation 21D57202 (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI and VLSI&ESD)	---	Artificial Intelligence & Machine Learning 21D38301b
31.10.2022 Monday	---	---	Embedded Real Time Operating Systems 21D06203c (Common to DSCE, ECE and DECS)	---

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Date / Day	Electronics & Communication Engineering (ECE)	Digital Electronics & Communication Systems (DECS)	Computer Networks (CN)	Software Engineering (SE)
20.10.2022 Thursday	Advanced Communications & Networks 21D70202	Network Security & Cryptography 21D38201	Network Programming 21D08201	Cloud Computing 21D08102c
22.10.2022 Saturday	Embedded Systems Design 21D06201	---	Internet of Things Protocol Engineering 21D58202	Agile Technologies 21D25201
	(Common to VLSI&ES, ES&VLSI VLSI&ESD, DSCE, ES, ECE and DECS)			

26.10.2022 Wednesday	Embedded Systems Protocols 21D06301a	(Common to ECE & DECS)	Internet of Things Protocol Engineering 21D58202	Agile Technologies 21D25201
	Cognitive Radio 21D38203a			
	(Common to ECE & DECS)			
	Image & Video Processing 21D38203b			
28.10.2022 Friday	(Common to ECE & DECS)	Advanced Communications & Networks 21D38202	Design of Secure Protocols 21D08202c	Computer System Performance & Analysis 21D25202c
	Adhoc & Wireless Sensor Networks 21D06204b			
	(Common to DSCE, ECE and DECS)			

31.10.2022 Monday	Advanced Digital Signal Processing 21D70201	Advanced Communications & Networks 21D38202	Mobile Application Development 21D08203a	Data Analytics 21D58301c (Common to SE and AI&ML)

31.10.2022 Monday	Embedded Real Time Operating Systems 21D06203c	Advanced Communications & Networks 21D38202	Social Network Analysis 21D08203b	Secure Software Engineering 21D25203a
	(Common to DSCE, ECE and DECS)			

31.10.2022 Monday	---	Advanced Cryptography 21D08203c	Advanced Cryptography 21D08203c	Software Agents 21D25203b

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Date / Day	Computer Science & Engineering (CSE)	Artificial Intelligence & Machine Learning (AI&ML)	Thermal Sciences & Energy Systems (TS&ES)	Thermal Engineering (TE)
20.10.2022 Thursday	Advanced Operating Systems 21D58201	Advanced Data Mining 21D97201	Advanced Heat & Mass Transfer 21D11201	Advanced IC Engines 21D88201 Design of Thermal Systems 21D88203a Environmental Engineering & Pollution Control 21D88203b Alternative Energy Sources 21D88203c Instrumentation for Thermal Engineering 21D88202a
22.10.2022 Saturday	Internet of Things 21D58202	---	Advanced Energy Techniques 21D11202	
26.10.2022 Wednesday	---	Intrusion Detection Systems 21D97204a	Energy Auditing & Management 21D11203a	Cryogenic Engineering 21D88202b
	Service Oriented Architecture 21D58203b	Natural Language Processing 21D97204b	Modeling & Analysis of Energy Systems 21D11203b	Thermal & Nuclear Power Plants 21D88202c
	Computer Vision 21D58203c (Common to CSE and AI&ML)		Optimization Techniques & Its Applications 21D11203c	
	Data Visualization Techniques 21D58204a	Data Analytics 21D58301c (Common to SE and AI&ML)	Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)	Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)
28.10.2022 Friday	Distributed Systems 21D58204b	Pattern Recognition 21D97203a	Design of Heat Transfer Equipment 21D11204b	
	Privacy Preserving Data Publishing 21D58204c	Intelligent Agent Systems 21D97203b	Advanced IC Engines 21D11204c	
31.10.2022 Monday	Deep Learning 21D58203a (Common to CSE and AI&ML)		---	---

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Date / Day	Refrigeration & Air Conditioning (R&AC)	Production Engineering (PE)	Advanced Manufacturing Systems (AMS)
20.10.2022 Thursday	Design of Air-Conditioning Systems 21D17201	Simulation of Manufacturing Systems 21D87201 (Common to PE & AMS)	
22.10.2022 Saturday	Convective Heat & Mass Transfer 21D17202		Quality Engineering in Manufacturing 21D87202
26.10.2022 Wednesday	Refrigeration Equipment & Controls 21D17203a	---	Material Science & Technology 21D87203a (Common to AMS and PE&ED)
	Design of Heat Transfer Equipment 21D17203b	Machine Tool Design 21D94202	Industrial Robotics 21D87203b (Common to AMS and PE&ED)
	Advanced Thermal Storage Technologies 21D17203c	Computer Graphics 21D04203b (Common to PE, CAD/CAM and PE&ED)	Advanced Tool Design 21D87203c
28.10.2022 Friday	Advanced Fluid Mechanics 21D17204a	Analysis & Control of Production Systems 21D94203	Production & Operations Management 21D87204a
	Design of HVAC Systems 21D17204b	Design & Manufacturing of MEMS and MICRO Systems 21D90301a	Modelling of Manufacturing Systems 21D87204b
	Energy Conservation & Management 21D17204c	Artificial Intelligence & Expert Systems 21D94203c	Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)
31.10.2022 Monday	---	Automation in Manufacturing 21D87101 (Common to PE and PE&ED)	---



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Date / Day	Machine Design (MD)	CAD/CAM	Production Engineering & Engineering Design (PE&ED)
20.10.2022 Thursday	Advanced Optimization Techniques 21D04201 (Common to MD and CAD/CAM)		Simulation of Manufacturing Systems 21D90201
22.10.2022 Saturday	Fracture Fatigue & Creep Deformation 21D15201	Mechatronics Applications in Manufacturing 21D04204a	---
		Rapid Prototyping 21D04204b	
		Artificial Intelligence & Expert Systems 21D04204c	
26.10.2022 Wednesday	Industrial Robotics & Expert Systems 21D15202a	CNC Technology & Programming 21D04203a	Industrial Robotics 21D87203b (Common to AMS and PE&ED)
	Experimental Stress Analysis 21D15202b	Computer Graphics 21D04203b (Common to PE, CAD/CAM and PE&ED)	
	Theory of Plasticity 21D15202c	Global Integrated Manufacturing 21D04203c	Material Science & Technology 21D87203a (Common to AMS and PE&ED)
28.10.2022 Friday	Mechanical Vibrations 21D15203a	Industrial Robotics & Expert Systems 21D04202	Mechanics & Manufacturing Methods of Composites 21D90202a
	Design for Manufacturing 21D15203b		Advanced Kinematics of Mechanisms 21D90202b
	Pressure Vessel Design 21D15203c		Advanced Metal Forming Processes 21D90202c
31.10.2022 Monday	---	---	Automation in Manufacturing 21D87101 (Common to PE and PE&ED)

- NOTE: 1. Any clashes / omissions in this time-table may be brought to the notice of the under signed immediately.
 2. If the Government declares holiday on any of the above dates, the examinations will be conducted as usual.

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