



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)	Finite Element Methods for Structural Engineering 21D20201	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	
22.10.2022 Saturday	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 (Common to SE&CM and CPM) Construction Personnel Management 21D91203b	
			Design of Reinforced Concrete Foundations 21D20202a	
			Artificial Neural Networks 21D35203a	
26.10.2022 Wednesday	Theory & Analysis of Plates & Shells 21D35203b Reliability Based Engineering Design 21D35203c	Experimental Stress Analysis 21D20202b Stability of Structures 21D20202c	Project Planning & Implementation 21D91201	Design with Geo-Synthetics & Applications in Geotechnical Engineering 21D12203a Earth & Earth Retaining Structures 21D12203b Soil Dynamics & Machine Foundations 21D12203c
			Advanced Steel Design 21D20203a	
			Advanced Concrete Technology 21D21103a	
			Advanced Reinforced Concrete Design 21D20203c	
28.10.2022 Friday	Stability of Structures 21D35204a Fracture Mechanics 21D35204b	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
			Fracture Mechanics 21D20203b	
			Fracture Mechanics 21D35204a	

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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
	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)	Pavement Analysis & Design 21D93203a	Power System Wide Area Monitoring & Control 21D07203a		
26.10.2022 Wednesday	Quality & Safety Management 21D21203a	Road Safety Engineering 21D93203b	Modern Control Theory 21D07203b	Advanced Power Semiconductor Devices & Protection 21D54202b
	Strategic Management in Construction 21D21203b	Land Use & Regional Transportation Planning 21D93203c	Reactive Power Compensation & Management 21D07203c	Applications of Power Converters 21D54202c
	Form Work Design 21D21203c	Traffic Analysis 21D93204a	Power Quality 21D07204a (Common to EPS, PS, PE and PEED)	
28.10.2022 Friday	Construction Techniques, Methods & Equipment 21D21202	Applied Statistics 21D8S201	Distributed Generation & Micro Grid Control 21D07204b	AI Techniques in Electrical Engineering 21D54203a
		GIS Applications in Transportation Engineering 21D93204b	EHVAC Transmission Systems 21D07204c	Digital Signal Processors & Applications 21D54203b



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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
	Low Power VLSI Design 21D57204a	Embedded Systems Design 21D06201	VLSI Design & Design 21D06201	Embedded Programming 21D55201
	IoT & its Applications 21D57204b			
22.10.2022 Saturday	VLSI Signal Processing 21D57204c	(Common to VLSI&ES, ES&VLSI VLSI&ESD, DSCE, ES, ECE and DECS)		
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
	Embedded Systems Design 21D06201	---	Internet of Things Protocol Engineering 21D58202	Agile Technologies 21D25201
22.10.2022 Saturday	---	Embedded Systems Protocols 21D06301a	---	---
	---	(Common to ECE & DECS)	MEAN Stack Development 21D08202a	Metrics & Models for Software Engineering 21D25202a
	---	Cognitive Radio 21D38203a	Optical Networks 21D08202b	Machine Learning Applications for Software Engineering 21D25202b
26.10.2022 Wednesday	---	(Common to ECE & DECS)	Design of Secure Protocols 21D08202c	Computer System Performance & Analysis 21D25202c
	---	Image & Video Processing 21D38203b	Mobile Application Development 21D08203a	Data Analytics 21D58301c
28.10.2022 Friday	---	(Common to ECE & DECS)	Social Network Analysis 21D08203b	(Common to SE and AI&ML) Secure Software Engineering 21D25203a
	---	Adhoc & Wireless Sensor Networks 21D06204b	Advanced Cryptography 21D08203c	Software Agents 21D25203b
31.10.2022 Monday	---	(Common to DSCE, ECE and DECS)	---	---
	---	Advanced Digital Signal Processing 21D70201	---	---
31.10.2022 Monday	---	Advanced Communications & Networks 21D38202	---	---
	---	Embedded Real Time Operating Systems 21D06203c	---	---
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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
22.10.2022 Saturday	Internet of Things 21D58202	---	Advanced Energy Techniques 21D11202	Environmental Engineering & Pollution Control 21D88203b Alternative Energy Sources 21D88203c
26.10.2022 Wednesday	---	Intrusion Detection Systems 21D97204a	Energy Auditing & Management 21D11203a	Instrumentation for Thermal Engineering 21D88202a
	Service Oriented Architecture 21D58203b	Natural Language Processing 21D97204b	Modeling & Analysis of Energy Systems 21D11203b	Cryogenic Engineering 21D88202b
	Computer Vision 21D58203c (Common to CSE and AI&ML)	Data Analytics 21D58301c (Common to SE and AI&ML)	Optimization Techniques & Its Applications 21D11203c	Thermal & Nuclear Power Plants 21D88202c
28.10.2022 Friday	Data Visualization Techniques 21D58204a	Pattern Recognition 21D97203a	Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)	Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)
	Distributed Systems 21D58204b	Intelligent Agent Systems 21D97203b	Design of Heat Transfer Equipment 21D11204b	
	Privacy Preserving Data Publishing 21D58204c		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)	Quality Engineering in Manufacturing 21D87202
	Convective Heat & Mass Transfer 21D17202		
22.10.2022 Saturday	Refrigeration Equipment & Controls 21D17203a	Advanced Casting Technology 21D94201	Material Science & Technology 21D87203a (Common to AMS and PE&ED) Industrial Robotics 21D87203b (Common to AMS and PE&ED)

		Design of Heat Transfer Equipment 21D17203b	
26.10.2022 Wednesday	Advanced Thermal Storage Technologies 21D17203c	Computer Graphics 21D04203b (Common to PE, CAD/CAM and PE&ED)	Advanced Tool Design 21D87203c
		Analysis & Control of Production Systems 21D94203	
		Production & Operations Management 21D87204a	
28.10.2022 Friday	Design of HVAC Systems 21D17204b	Design & Manufacturing of MEMS and MICRO Systems 21D90301a	Modelling of Manufacturing Systems 21D87204b
		Artificial Intelligence & Expert Systems 21D94203c	
		Computational Fluid Dynamics 21D11204a (Common to TS&ES, TE and AMS)	
31.10.2022 Monday	Energy Conservation & Management 21D17204c	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)	Mechatronics Applications in Manufacturing 21D04204a Rapid Prototyping 21D04204b Artificial Intelligence & Expert Systems 21D04204c	Simulation of Manufacturing Systems 21D90201
22.10.2022 Saturday	Fracture Fatigue & Creep Deformation 21D15201		---
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)	
28.10.2022 Friday	Theory of Plasticity 21D15202c	Global Integrated Manufacturing 21D04203c	Material Science & Technology 21D87203a (Common to AMS and PE&ED)
	Mechanical Vibrations 21D15203a		Mechanics & Manufacturing Methods of Composites 21D90202a
	Design for Manufacturing 21D15203b	Industrial Robotics & Expert Systems 21D04202	Advanced Kinematics of Mechanisms 21D90202b
31.10.2022 Monday	Pressure Vessel Design 21D15203c		Advanced Metal Forming Processes 21D90202c
	---	---	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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