



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M.Tech - I Semester Regular Examinations May/June 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)	
30.05.2022 Monday	Theory of Elasticity 21D35101 (Common to CASE, Struc.E and SE&CM)	Advanced Structural Analysis 21D20101	Theory of Elasticity 21D35101 (Common to CASE, Struc.E and SE&CM)	Design of Shallow Foundations 21D12101	
			Advanced Construction Techniques 21D91103a Quality Control & Safety Management 21D91103b		
01.06.2022 Wednesday	Matrix Methods of Structural Analysis 21D35102 (Common to CASE and SE&CM)	Advanced Structural Analysis 21D20101	Matrix Methods of Structural Analysis 21D35102 (Common to CASE and SE&CM)	Advanced Soil Mechanics 21D12102	
			Advanced Mathematical Methods 21DBS105 (Common to Struc.E and SE&CM)		Theoretical Soil Mechanics 21D12103a
			Computer Aided Numerical Methods 21DBS103		
03.06.2022 Friday	Optimization in Structural Design 21D35103a	Advanced Concrete Technology 21D21103a (Common to Struc.E, CPM and HE)	Cost Effective Housing Techniques 21D91102a	Geo-Technical Earth Quake Engineering 21D12103b	
			Contract Laws and Regulations 21D91102b		Unsaturated Soil Mechanics 21D12103c
			Structural Health Monitoring 21D35103b		
06.06.2022 Monday	C++ & Data Structures 21D35104a	Maintenance & Rehabilitation of Structures 21D20103a		Numerical Methods 21DBS104	
			Design of Prestressed Concrete 21D35104b (Common to CASE & Struc.E)		Geo-Environmental Engineering 21D12104a
			Modeling Simulation & Computer Applications 21D35104c		Design of Bridges 21D20103b
08.06.2022 Wednesday			Research Methodology & IPR 21DRM101 (Common to all)		



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Date / Day	Construction Planning & Management (CPM)	Highway Engineering (HE)	Electrical Power Systems and Power System (EPS & PS)	Power Electronics and Electrical Drives (PE & PEED)
30.05.2022 Monday	Probability & Statistics 21DBS106	Highway Infrastructure Design 21D93101	Advanced Power System Protection 21D07101	Switched Mode Power Converters 21D54101
01.06.2022 Wednesday	Construction Planning & Project Management 21D21101	Urban Transportation Planning 21D93102	Power System Security & State Estimation 21D07102	Machine Modelling & Analysis 21D54102
03.06.2022 Friday	Construction Practices 21D21102a	Traffic Engineering 21D93103a	Energy Auditing & Management 21D07103a (Common to EPS, PS, PE & PEED)	Modern Control Theory 21D07203b
	Human Resource Development for Construction 21D21102b	Project Management 21D93103b	Modelling & Analysis of HVDC Systems 21D07103b	Power Control Theory 21D07203b
	Value Engineering 21D21102c	Bridge Engineering 21D93103c	Power System Optimization 21D07103c	Power Electronic Control of DC Drives 21D54103a
06.06.2022 Monday	Advanced Concrete Technology 21D21103a (Common to Struc.E, CPM and HE)		Solar & Wind Energy Conversion Systems 21D07104a	Solar Energy Conversion Systems 21D54104a
	Construction Economics & Finance 21D21103b	Ground Improvement Methods 21D93104b	Smart Grid Technologies 21D07104b (Common to EPS, PS, PE & PEED)	Solar Energy Conversion Systems 21D54104a
	Construction Technology for Tunnels 21D21103c	Pavement Materials & Properties 21D93104a	Electric Vehicle Engineering 21D07104c	Wind Energy Conversion Systems 21D54104b
08.06.2022 Wednesday	Research Methodology & IPR 21DRM101 (Common to all)			



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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)
30.05.2022 Monday	CMOS Analog IC Design 21D57101	Microcontrollers & Programmable Digital Signal Processors (Common to VLSI&ES, ES&VLSI and VLSI&ESD)	21D06102	Digital System Design with PLDs 21D06101 (Common to DSCE & ES)
	---		---	Advanced Computer Architecture 21D06103a (Common to DSCE & ES)
01.06.2022 Wednesday	Microchip Fabrication Techniques 21D57103a	Low Power VLSI Design 21D68102a	Advanced Computer Architecture 21D06103a (Common to DSCE & ES)	---
	Nanomaterials & Nanotechnology 21D57103b (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI and VLSI&ESD)	Network Security & Cryptography 21D38201	Design of Fault Tolerant Systems 21D06103b (Common to DSCE, ECE & DECS)	---
		CAD for VLSI 21D57103c	Communication Buses & Interfaces 21D68101a	Advanced Operating Systems 21D06103c
03.06.2022 Friday	Device Modelling 21D57104a	FPGA Architectures & Applications 21D57104b (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI and VLSI&ESD)	---	Embedded Real Time Operating Systems 21D06203c
	ASIC Design 21D57104c		Data Acquisition System Design 21D68101b	Digital Signal Processors & Architectures 21D06104b
06.06.2022 Monday	Research Methodology & IPR 21DRM101 (Common to all)	Research Methodology & IPR 21DRM101 (Common to all)	---	SoC Architecture 21D06203a (Common to ES, ECE & DECS)
08.06.2022 Wednesday	CMOS Digital IC Design 21D57102 (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI, VLSI&ESD and ES)	CMOS Digital IC Design 21D57102 (Common to VLSI, VLSIS, VLSISD, VLSI&ES, ES&VLSI, VLSI&ESD and ES)	---	---
10.06.2022 Friday	---	---	---	---



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Date / Day	Electronics & Communication Engineering (ECE)	Digital Electronics & Communication Systems (DECS)	Computer Networks (CN)	Software Engineering (SE)
30.05.2022 Monday	Advanced Digital System Design 21D38101 (Common to ECE & DECS)	Wireless Communication & Networks 21D38102 (Common to ECE & DECS)	Data Networks 21D08101	Advanced Software Quality & Testing 21D25101
01.06.2022 Wednesday	Design of Fault Tolerant Systems 21D06103b (Common to DSCE, ECE & DECS)	VLSI Technology & Design 21D06202 (Common to ECE & DECS)	Real Time Systems 21D08102a	Advanced Data Structures & Algorithms 21D58101 (Common to CN, SE, CSE and AI&ML)
03.06.2022 Friday	Soc Architecture 21D06203a (Common to ES, ECE & DECS)	Coding Theory & Techniques 21D38104a (Common to ECE & DECS)	Cloud Computing 21D08102c (Common to CN and AI&ML)	Software Reliability 21D25102a
06.06.2022 Monday	Optical Communication & Networks 21D38104b (Common to ECE & DECS)	5G Communications 21D38104c (Common to ECE & DECS)	Distribution & Parallel Systems 21D58204a	Information Retrieval 21D25102b (Common to SE and AI&ML)
08.06.2022 Wednesday		Research Methodology & IPR 21DRM101 (Common to all)	Machine Learning 21D58103a (Common to SE, CSE and AI&ML)	Software Architecture 21D25102c



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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)
30.05.2022 Monday	Advanced Computer Networks 21D58102	Mathematical & Statistical Foundations 21DBS102	Energy Management of Thermal Systems 21D11101	Advanced Heat & Mass Transfer 21D11201
		Principles of Data Science 21D97105		
01.06.2022 Wednesday	Advanced Data Structures & Algorithms 21D58101 (Common to CN, SE, CSE and AI&ML)	Information Retrieval 21D25102b (Common to SE and AI&ML)	Advanced Thermodynamics 21D11102 (Common to TE&ES, TE and R&AC)	
		Advanced Data Structures & Algorithms 21D58101 (Common to CN, SE, CSE and AI&ML)		
		Machine Learning 21D58103a (Common to SE, CSE and AIML)		
03.06.2022 Friday	Object Oriented Software Engineering 21D58103b	Cloud Computing 21D08102c (Common to CN and AI&ML)	Renewable Energy Sources 21D11103a	Advanced Turbo Machines 21D88101a
	Digital Image & Video Processing 21D58103C	Neural Networks & Genetic Algorithms 21D97102a	Design of Air-Conditioning Systems 21D11103b	Advanced Refrigeration & Air-Conditioning 21D88101b
	Data Science 21D58104a	Artificial Intelligence 21D97101	Energy Conservation Technologies 21D11103c	Design of Thermal Systems 21D88101c
06.06.2022 Monday	Design Patterns 21D58104b (Common to CN, SE and CSE)	Research Methodology & IPR 21DRM101 (Common to all)	Fuels & Combustion Technology 21D11104a (Common to TS&ES and TE)	
	Information Security 21D58104c		Instrumentation for Thermal Engineering 21D11104b	FEA in Thermal Engineering 21D88102a
			Refrigeration & Cryogenics 21D11104c	Design of Heat Exchangers 21D88102b
08.06.2022 Wednesday				



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Date / Day	Refrigeration & Air Conditioning (R&AC)	Production Engineering (PE)	Advanced Manufacturing Systems (AMS)
30.05.2022 Monday	Advanced Refrigeration 21D17101	Theory of Metal Cutting & Tools Design 21D94101	Automation in Manufacturing 21D87101
	Advanced Thermodynamics 21D11102 (Common to TE&ES, TE and R&AC)	Advanced Welding Technology 21D94102	Computer Aided Manufacturing 21D87102
01.06.2022 Wednesday	Conduction & Radiation Heat Transfer 21D17103a	Materials Technology 21D15101c (Common to PE & MD)	Precision Engineering 21D87103a
	Design Optimization 21D17103b	Friction & Wear in Machinery 21D94103a	Special Manufacturing Processes 21D87103b
03.06.2022 Friday	Food Preservation Techniques 21D17103c	Nanotechnology 21D94103b	Product Data Management 21D87103c
	Principles of Air Conditioning 12D17104a	Advanced Optimization Techniques 21D04201 (Common to PE and PE&ED)	Design for Manufacturing & Assembly 21D87104a
	Cryogenic Engineering 12D17104b	Quality Engineering 21D90301b	Advanced CAD 21D87104b
06.06.2022 Monday	Solar Refrigeration & Air Conditioning 21D17105c	Advanced Metal Forming Processes 21D90202c	Advanced Mechatronics 21D87104c
		Research Methodology & IPR 21DRM101 (Common to all)	
08.06.2022 Wednesday			



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Date / Day	Machine Design (MD)	CAD/CAM	Production Engineering & Engineering Design (PE&ED)
30.05.2022 Monday	Computational Methods 21DBS101 (Common to MD, CAD/CAM and PE&ED)	Advanced Finite Element Methods 21D04101 (Common to MD, CAD/CAM and PE&ED)	Production Engineering & Engineering Design (PE&ED)
			Computational Methods 21DBS101 (Common to MD, CAD/CAM and PE&ED)
01.06.2022 Wednesday	Advanced Mechanisms 21D15101a	Advances in Manufacturing Technology 21D04103a (Common to CAD/CAM and PE&ED)	Design for Manufacturing 21D04301b
			Rapid Prototyping 21D90101
			Advances in Manufacturing Technology 21D04103a (Common to CAD/CAM and PE&ED)
03.06.2022 Friday	Computer Applications in Design 21D15101b	Quality Engineering & Manufacturing 21D04103b	Advances in Manufacturing Technology 21D04103a (Common to CAD/CAM and PE&ED)
			Computer Aided Process Planning 21D04103c
			Computer Integrated Manufacturing 21D04102a
06.06.2022 Monday	Materials Technology 21D15101c (Common to PE & MD)	Computer Aided Manufacturing 21D04103c	Advanced Optimization Techniques 21D04201 (Common to PE and PE&ED)
			Advanced Mechanics of Solids 21D15102a
			Mechanical Vibrations 21D15203a
08.06.2022 Wednesday	Tribology in Design 21D15102b	Design for Cellular Manufacturing System 21D04102b	Geometrical Dimensioning & Tolerances 21D90102
			Gear Engineering 21D15102c
Research Methodology & IPR 21DRM101 (Common to all)			

- 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.

Date: 05.05.2022