Jawaharlal Nehru Technological University Anantapur
Examinations Branch
Timetable
M.Tech – I Semester Supplementary Examinations October/November 2022
(for students admitted in 2018, 2019 & 2020 only)

Time: 10.00 AM to 01.00 PM

Date / Day	Computer Networks (CN)	Computer Science & Engineering and Computer Science (CSE & CS)	Software Engineering (SE)
21.10.2022 Friday	Network Programming 17D08101	Advanced Data Structures & Algorithms 17D58101 (Common to CN, CSE, CS and AI&ML)	Object Oriented Software Engineering 17D25101
25.10.2022 Tuesday		Fundamentals of Data Science 17D58102 (Common to CSE, CS and SE)	
27.10.2022 Thursday	Network Security & Cryptography 17D08102	Software Patterns 17D58103 (Common to CSE, CS and SE)	Software Requirements & Estimation 17D25102
29.10.2022 Saturday	Internet of Things 17D58203; Soft Computing 17D08103; High Performance Networks 17D08104 — ; Internals of Operating Systems 17D58108 (Common to CN, CSE and CS)	Artificial Intelligence 17D58107; Professional Aspects in Software Engineering 17D25106 (Common to CSE, CS and SE)	Agile Methodologies 17D25103; Reverse Engineering 17D25104; Service Oriented Architecture 17D25105
01.11.2022 Tuesday	Storage Area Networks 17D08105; Network Design & Management 17D08106	Information Security 17D58104; Distributed Databases 17D58105; Software Project Management 17D25205 (Common to CN, CSE, CS)	Formal Methods of Software Engineering 17D25107; Software Metrics & Reuse 17D25108; Component Based Software Engineering 17D25109
03.11.2022 Thursday	---	Neural Networks 17D58106 (Common to CN, CSE, CS and AI&ML); Multicore Architecture & Programming 17D58109 (Common to CSE, CS and AI&ML)	Protocol Software Engineering 17D25110

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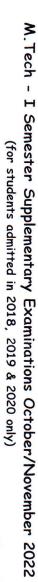
Time: 10.00 AM to 01.00 PM

Date / Day	Construction Planning & Management (CPM)	Highway Engineering (HE)	Structural Engineering & Construction Management (SE&CM)	Structural Engineering (Struc.E)
21.10.2022 Friday	Probability & Statistics 17FBS101	Highway Infrastructure Design 17D93101	Advanced Mathematical Methods 17D20101 (Common to SE&CM and Struc.E)	Advanced Mathematical Methods 17D20101 (Common to SE&CM and Struc.E)
25.10.2022 Tuesday	Construction Planning & Project Management 17D21101	Urban Transportation Planning 17D93102	Advanced Structural Analysis 17D20102 (Common to SE&CM, Struc.E and CASE)	Advanced Structural Analysis 17D20102 (Common to SE&CM, Struc.E and CASE)
27.10.2022 Thursday	Construction Practices 17D21102	Traffic Engineering 17D93103	Theory of Elasticity & Plasticity 17D20103 (Common to SE&CM, Struc.E and CASE)	Theory of Elasticity & Plasticity 17D20103 (Common to SE&CM, Struc.E and CASE)
29.10.2022 Saturday	**Human Resource Development for Construction** 17D21103 --- ; Value Engineering 17D21104 ---	Pavement Materials & Properties 17D93104 ; Remote Sensing & Global Positioning Systems 17D93108	Construction Management 17D91101 ; ---	Theory & Analysis of Plates 17D20104 ; ---
01.11.2022 Tuesday	Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E)	Ground Improvement Methods 17D93109 ; Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E)	Contract Laws & Regulations 17D91102 (Common to SE&CM and Struc.E)	Low Cost Housing Techniques 17D20107 (Common to SE&CM and Struc.E) ; Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E)
03.11.2022 Thursday	Construction Economics & Finance 17D21105 ; Construction Technology for Tunnels 17D21106	Applied Statistics 17D93105 ; Project Management 17D93106	Advanced Construction Techniques 17D91103 (Common to SE&CM and Struc.E) ; Construction Methods & Equipment 17D91104	Advanced Foundation Engineering 17D20110 (Common to Struc.E and CASE)
05.11.2022 Saturday	Building Services 17D21107 ; ---	Bridge Engineering 17D93107 ; ---	Quality Control & Safety Management 17D91105 ; Maintenance & Rehabilitation of Structures 17D20109 (Common to SE&CM and Struc.E)	Prestressed Concrete 17D20108 (Common to Struc.E and CASE) ; Maintenance & Rehabilitation of Structures 17D20109 (Common to SE&CM and Struc.E)
09.11.2022 Wednesday	Experimental Stress Analysis 17D20105 (Common to CPM, Struc.E and CASE)	---	---	Experimental Stress Analysis 17D20105 (Common to CPM, Struc.E and CASE)

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Date / Day	Computer Aided Structural Engineering (CASE)	Electrical Power Engineering, Electrical Power Systems and Power System (EPE, EPS & PS)	Power Electronics, Power & Industrial Drives, Power Electronics & Electrical Drives and Power Electronics & Drives (PE, PID, PEED & PED)
21.10.2022 Friday	Computer Aided Numerical Methods 17D35101	Advanced Power System Protection 17D49101	Advanced Power Semiconductor Devices 17D54101
25.10.2022 Tuesday	Advanced Structural Analysis 17D20102 (Common to SE&CM, Struc.E and CASE)	Machine Modeling & Analysis 17D49102 (Common to EPE, EPS, PS, PE, PID, PEED and PED)	
27.10.2022 Thursday	Theory of Elasticity & Plasticity 17D20103 (Common to SE&CM, Struc.E and CASE)	Optimization & Heuristic Search Techniques 17D49103 (Common to EPE, EPS, PS, PE, PID, PEED and PED)	Optimization & Heuristic Search Techniques 17D49103 (Common to EPE, EPS, PS, PE, PID, PEED and PED) --- Advanced Digital Signal Processing 17D54104
29.10.2022 Saturday	C++ and Data Structures 17D35102 ---	Restructured Power Systems 17D49104 ---	Applications of Power Electronics to Power Systems 17D54103
01.11.2022 Tuesday	Optimization in Structural Design 17D35103	FACTS Controllers 17D49106	Solid State DC Drives 17D54102
	Structural Health Monitoring 17D35104	Solar Energy Conversion Systems 17D49107	
03.11.2022 Thursday	Prestressed Concrete 17D20108 (Common to Struc.E and CASE)	Energy Auditing & Management 17D49109	Solid-State Lighting & Control 17D54106
	Stability of Structures 17D20203	State Estimation Techniques 17D49110	Hybrid Electric Vehicle Systems 17D54107
05.11.2022 Saturday	Modeling, Simulation & Computer Applications 17D35105	Power System Wide Area Monitoring & Control 17D49108	FPGA based Digital System Design 17D54105
	---	Modern Control Engineering & Principles of Optimal Control 17D49105 (Common to EPE, EPS, PS, PE, PID, PEED & PED)	---
09.11.2022 Wednesday	Experimental Stress Analysis 17D20105 (Common to CPM, Struc.E and CASE)		

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Date / Day	Digital Electronics & Communication Systems (DECS)	Electronics & Communication Engineering (ECE)	Digital Systems & Computer Electronics (DSCE)
21.10.2022 Friday	Digital Electronics & Communication Systems (DECS)	Structural Digital System Design 17D06101	
	(Common to DECS, ECE, DSCE, ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD)		
25.10.2022 Tuesday	Digital Communication Techniques 17D38102 (Common to DECS and ECE)		Advanced Computer Networks 17D06102
27.10.2022 Thursday	Advanced Digital Signal Processing 17D06108 (Common to DECS, ECE and DSCE)		Advanced Digital Signal Processing 17D06108 (Common to DECS, ECE and DSCE)
			Test & Testability 17D06109
			Fuzzy Systems & Neural Networks 17D06110
29.10.2022 Saturday	Error Control Coding 17D38101	Advanced Microprocessors & Microcontrollers 17D06104 (Common to ECE and DSCE)	
01.11.2022 Tuesday	Advanced Computer Architecture 17D38103 (Common to DECS and ECE)	Advanced Operating Systems 17D06105 (Common to DECS, ECE and DSCE)	
		Low Power VLSI Design 17D06210	Distributed Embedded Computing 17D06106
03.11.2022 Thursday	Statistical Signal Processing 17D38105 ---	Digital Image & Video Processing 17D06209	Pattern Recognition & Computer Vision 17D06107
	Spread Spectrum Communication 17D38106	Optical Communication Technology 17D38206	---
		Network Security & Cryptography 17D06208 (Common to ECE, ES, VLSI&ES, ES&VLSI and VLSI&ESD)	
05.11.2022 Saturday	Transform Techniques 17D38104 (Common to DECS and ECE)		Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ES&VLSI and VLSI&ESD and VLSI, VLSIS and VLSISD)

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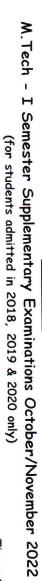(for students admitted in 2018, 2019 & 2020 only)

Time: 10.00 AM to 01.00 PM

Date / Day	Embedded Systems (ES)	VLSI & Embedded Systems, Embedded Systems & VLSI and VLSI & Embedded System Design (VLSI&ES, ES&VLSI and VLSI&ESD)	VLSI, VLSI Systems, VLSI System Design (VLSI, VLSIS and VLSISD)
21.10.2022 Friday	Structural Digital System Design 17D06101 ---	Structural Digital System Design 17D06101 (Common to DECS, ECE, DSCE, ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD)	
	Real Time Operating Systems 17D55102		
25.10.2022 Tuesday		Embedded System Design 17D06201 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	Advanced MOSFET Modeling 17D57101
27.10.2022 Thursday	Linux Programming & OOPs 17D06203	CMOS Analog & Digital IC Design 17D68101	CMOS Analog IC Design 17D57102
29.10.2022 Saturday		Embedded C 17D55101 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	CMOS Digital IC Design 17D57103
01.11.2022 Tuesday	Sensors & Actuators 17D06204	---	---
		CPLD & FPGA Architectures & Applications 17D06202 (Common to ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD)	
03.11.2022 Thursday	Wireless Communications & Networks 17D38201 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)		ASIC Design 17D55206
	Network Security & Cryptography 17D06208 (Common to ECE, ES (VLSI&ES, ES&VLSI and VLSI&ESD)		VLSI Signal Processing 17D57104 (Common to VLSI&ES, ES&VLSI,and VLSI&ESD, VLSI, VLSIS and VLSISD)
			Optimization Techniques in VLSI Design 17D57106
05.11.2022 Saturday	Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ES&VLSI and VLSI&ESD and VLSI, VLSIS and VLSISD)	Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ES&VLSI and VLSI&ESD and VLSI, VLSIS and VLSISD)	CAD for VLSI 17D57105 (Common to VLSI&ES, ES&VLSI, and VLSI&ESD, VLSI, VLSIS and VLSISD)

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Date / Day	Advanced Manufacturing Systems (AMS)	Machine Design (MD)	CAD/CAM	Production Engineering & Engineering Design (PE&ED)
21.10.2022 Friday	Automation in Manufacturing 17D87101	Computational Methods 17DBS101 (Common to MD, CAD/CAM and PE&ED)		
25.10.2022 Tuesday	Computer Aided Manufacturing 17D87102	Advanced Finite Element Methods 17D04101 (Common to MD, CAD/CAM and PE&ED)		
27.10.2022 Thursday	Precision Engineering 17D87103	Advanced Mechanisms 17D15101	Computer Integrated Manufacturing 17D04102	Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE)
29.10.2022 Saturday	Design for Manufacturing & Assembly 17D87104	Advanced Mechanics of Solids 17D15102	Advances in Manufacturing Technology 17D04103 (Common to CAD/CAM, PE&ED and PE)	Mechanical Vibrations 17D15202
01.11.2022 Tuesday	Special Manufacturing Process 17D87105; Product Data Management 17D87106; Total Quality Management 17D87107	Tribology in Design 17D15106; Gear Engineering 17D15107; Design of Hydraulic & Pneumatic Systems 17D04105 (Common to MD & CAD/CAM)	Design for Cellular Manufacturing System 17D04104; Design of Hydraulic & Pneumatic Systems 17D04105 (Common to MD & CAD/CAM)	Mechanical Measurements 17D90101; Advanced Tool Design 17D04106
03.11.2022 Thursday	Advanced CAD 17D87108; Advanced Mechatronics 17D87109	Materials Technology 17D15109	Computer Applications in Design 17D15103; Quality Engineering & Manufacturing 17D04107 (Common to CAD/CAM, PE&ED and PE); Computer Aided Process Planning 17D04108	Rapid Prototyping 17D04208 (Common to PE&ED and PE); Design & Manufacturing of MEMS & MICRO systems 17D87205
05.11.2022 Saturday	Theory of Elasticity & Plasticity 17D87110	Quality Concepts in Design 17D15105	Design for Manufacturing 17D04109 (Common to CAD/CAM and PE&ED)	Quality Engineering 17D90102 (Common to PE&ED and PE)

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Date / Day	Production Engineering (PE)	Thermal Sciences & Energy Systems (TS&ES)	Thermal Engineering (TE)	Refrigeration & Air Conditioning (R&AC)
21.10.2022 Friday	Materials Technology 17D15104	Energy Management in Thermal Systems 17D11101	Advanced Heat & Mass Transfer 17D11201	Refrigeration 17D17101
25.10.2022 Tuesday	Advanced Welding Technology 17D94102	Advanced Thermodynamics 17D11102 (Common to TS&ES and TE)		Conduction & Radiation Heat Transfer 17D17102
27.10.2022 Thursday	Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE)	Renewable Energy Sources 17D11103	Turbo Machines 17D88101	Advanced Thermodynamics 17D17111
29.10.2022 Saturday	---	Design of Air-Conditioning Systems 17D11105	Refrigeration & Air Conditioning 17D88103	Optimization of Engineering Design 17D17104
29.10.2022 Saturday	Mechatronics 17D94103	Energy Conversion Technologies 17D11106	Equipment Design for Thermal Systems 17D88104	Food Preservation Techniques 17D17105
01.11.2022 Tuesday	Advances in Manufacturing Technology 17D04103 (Common to CAD/CAM, PE&ED and PE)	Solar Passive Architecture 17D11107	Optimization Techniques & its Applications 17D11206	Air Handling Systems Design 17D17106
01.11.2022 Tuesday	Theory of Metal Cutting & Tool Design 17D94101	Fuels & Combustion Technology 17D11104	Fuels, Combustion & Environment 17D88102	Principles of Air Conditioning 17D17103
03.11.2022 Thursday	Rapid Prototyping 17D04208 (Common to PE&ED and PE)	Instrumentation for Thermal Engineering 17D11108	FEA in Thermal Engineering 17D88105	Cryogenic Engineering 17D17107
03.11.2022 Thursday	Friction & Wear in Machinery 17D90204	Refrigeration & Cryogenics 17D11109	Design of Heat Exchangers 17D88106	Solar Refrigeration & Air Conditioning 17D17108
05.11.2022 Saturday	Nanotechnology 17D94105	Advanced Power Plant Engineering 17D11110	Energy Resources 17D88107	Erection & Maintenance of Refrigeration & Air Conditioning Equipment 17D17109
05.11.2022 Saturday	Quality Engineering 17D90102 (Common to PE&ED and PE)	---	---	---

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Date / Day	Geotechnical Engineering (GTE)	Artificial Intelligence & Machine Learning (AI&ML)
21.10.2022 Friday	Numerical Methods 17D12101	Advanced Data Structures & Algorithms 17D58101 (Common to CN, CSE, CS & AI&ML)
25.10.2022 Tuesday	Advanced Soil Mechanics 17D12102	Python Programming 20D97101
27.10.2022 Thursday	Theoretical Soil Mechanics 17D12103	Artificial Intelligence & Machine Learning 20D97102
29.10.2022 Saturday	Geo-Technical Earth Quake Engineering 17D12105	Mathematics for Machine Learning 20D97103
	Remote Sensing & its Application in Geotechnical Engineering 17D12106	Digital Image Processing 20D97104
	Unsaturated Soil Mechanics 17D12107	Knowledge Representation & Reasoning 20D97105
	Geo-Environmental Engineering 17D12108	Robotics & Automation 20D97106
01.11.2022 Tuesday	Soil Dynamics & Machine Foundations 17D12109	Neural Networks 17D58106 (Common to CN, CSE, CS & AI&ML)
	Soil Structure Interaction 17D12110	Pattern Recognition 20D97107
	Foundation Engineering for Problematic Soils 17D12111	Expert Systems 20D97108
03.11.2022 Thursday	Design of Shallow Foundations 17D12104	Multicore Architecture & Programming 17D58109 (Common to CSE, CS and AI&ML)

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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