Jawaharlal Nehru Technological University Anantapur
Examinations Branch

M.Tech - I Semester Regular & Supplementary Examinations January/February 2019

Timetable

(for students admitted in 2017 & 2018 only)

Time: 10.00 AM to 01.00 PM

Date: 07.01.2019

Date / Day	Computer Networks (CN)	Computer Science & Engineering and Computer Science (CSE & CS)	Software Engineering (SE)
28.01.2019 Monday		Advanced Data Structures & Algorithms 17D58101 (Common to CN, CSE and CS)	Object Oriented Software Engineering 17D25101
30.01.2019 Wednesday	Network Programming 17D08101	Fundamentals of Data Science 17D58102 (Common to CSE, CS and SE)	Software Requirements & Estimation 17D25102
01.02.2019 Friday	Network Security & Cryptography 17D08102; Internet of Things 17D58203	Software Patterns 17D58103; Professional Aspects in Software Engineering 17D25106 (Common to CSE, CS and SE)	Agile Methodologies 17D25103
04.02.2019 Monday	Soft Computing 17D08103 (Common to CN, CSE and CS)	Internals of Operating Systems 17D58108; Artificial Intelligence 17D58107	Reverse Engineering 17D25104
06.02.2019 Wednesday	High Performance Networks 17D08104; Storage Area Networks 17D08105; Network Design & Management 17D08106; Software Project Management 17D25205 (Common to CN, CSE and CS); Neural Networks 17D58106 (Common to CN, CSE and CS)	Multicore Architecture & Programming 17D58109; Information Security 17D58104; Distributed Databases 17D58105	Service Oriented Architecture 17D25105; Formal Methods of Software Engineering 17D25107; Software Metrics & Reuse 17D25108; Component Based Software Engineering 17D25109; Protocol Software Engineering 17D25110

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Date / Day	Construction Planning & Management (CPM)	Highway Engineering (HE)	Structural Engineering & Construction Management (SE&CM)	Structural Engineering (Struc. E)
28.01.2019 Monday	Probability & Statistics 17FBS101	Highway Infrastructure Design 17D93101	Advanced Mathematical Methods 17D20101 (Common to SE&CM and Struc.E)	
30.01.2019 Wednesday	Construction Planning & Project Management 17D21101	Urban Transportation Planning 17D93102	Advanced Structural Analysis 17D20102 (Common to SE&CM, Struc.E and CASE)	
01.02.2019 Friday	Construction Practices 17D21102	Traffic Engineering 17D93103	Theory of Elasticity & Plasticity 17D20103 (Common to SE&CM, Struc.E and CASE)	
04.02.2019 Monday	Human Resource Development for Construction 17D21103 Value Engineering 17D21104 Experimental Stress Analysis 17D20105	Pavement Materials & Properties 17D93104	Construction Management 17D91101	Theory & Analysis of Plates 17D20104 Experimental Stress Analysis 17D20105
06.02.2019 Wednesday	Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E)	Remote Sensing & Global Positioning Systems 17D93108 Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E) Ground Improvement Methods 17D93109	--- Contract Laws & Regulations 17D91102 (Common to SE&CM and Struc.E)	Advanced Concrete Technology 17D20106 (Common to CPM, HE and Struc.E)
08.02.2019 Friday	Construction Economics & Finance 17D21105 Construction Technology for Tunnels 17D21106 Building Services 17D21107	Applied Statistics 17D93105 Project Management 17D93106 Bridge Engineering 17D93107	Advanced Construction Techniques 17D91103 Construction Methods & Equipment 17D91104 Quality Control & Safety Management 17D91105	Prestressed Concrete 17D20108 (Common to Struc.E and CASE) Advanced Foundation Engineering 17D20110
12.02.2019 Tuesday			Maintenance & Rehabilitation of Structures 17D20109 (Common to SE&CM and Struc.E)	---

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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)
28.01.2019 Monday	Computer Aided Numerical Methods 17D35101	Advanced Power System Protection 17D49101	Advanced Power Semiconductor Devices 17D54101
30.01.2019 Wednesday	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)	---
01.02.2019 Friday	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)
04.02.2019 Monday	C++ and Data Structures 17D35102	Restructured Power Systems 17D49104	Advanced Digital Signal Processing 17D54104
04.02.2019 Monday	Experimental Stress Analysis 17D20105 (Common to Struc.E and CASE)	---	Applications of Power Electronics to Power Systems 17D54103
06.02.2019 Wednesday	Optimization in Structural Design 17D35103	FACTS Controllers 17D49106	Solid State DC Drives 17D54102
06.02.2019 Wednesday	Structural Health Monitoring 17D35104	Solar Energy Conversion Systems 17D49107	
08.02.2019 Friday	Modeling, Simulation & Computer Applications 17D35105	Power System Wide Area Monitoring & Control 17D49108	FPGA based Digital System Design 17D54105
08.02.2019 Friday	Prestressed Concrete 17D20108 (Common to Struc.E and CASE)	Energy Auditing & Management 17D49109	Solid-State Lighting & Control 17D54106
12.02.2019 Tuesday	Stability of Structures 17D20203	State Estimation Techniques 17D49110	Hybrid Electric Vehicle Systems 17D54107
12.02.2019 Tuesday		Modern Control Engineering & Principles of Optimal Control 17D49105 (Common to EPE, EPS, PS, PE, PID, PEED & PED)	

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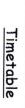## Examinations Branch
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Date / Day	Digital Electronics & Communication Systems (DECS)	Electronics & Communication Engineering (ECE)	Digital Systems & Computer Electronics (DSCE)
28.01.2019 Monday			
30.01.2019 Wednesday	Digital Communication Techniques 17D38102 (Common to DECS and ECE)	Structural Digital System Design 17D06101 (Common to DECS, ECE, DSCE, ES, VLSI&ES, ES&VLSI, VLSI, VLSIS and VLSISD)	Advanced Computer Networks 17D06102
01.02.2019 Friday	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
04.02.2019 Monday	Error Control Coding 17D38101	Advanced Microprocessors & Microcontrollers 17D06104 (Common to ECE and DSCE)	Fuzzy Systems & Neural Networks 17D06110
06.02.2019 Wednesday	Advanced Computer Architecture 17D38103 / Low Power VLSI Design 17D06210 (Common to DECS and ECE)	Advanced Operating Systems 17D06105 (Common to DECS, ECE and DSCE)	Distributed Embedded Computing 17D06106
08.02.2019 Friday	Statistical Signal Processing 17D38105 / Spread Spectrum Communication 17D38106 / ---	Digital Image & Video Processing 17D06209 / Optical Communication Technology 17D38206 / ---	Pattern Recognition & Computer Vision 17D06107 / Network Security & Cryptography 17D06208 (Common to ECE, ES (VLSI&ES, ES&VLSI and VLSI&ESD)) / ---
12.02.2019 Tuesday	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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Date / Day	Embedded Systems (ES)	VLSI & Embedded Systems, Embedded Systems & VLSI & Embedded System Design (VLSI&ES, ES&VLSI and VLSI&ESD)	VLSI, VLSI Systems, VLSI System Design (VLSI, VLSIS and VLSISD)
28.01.2019 Monday	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)
30.01.2019 Wednesday	Real Time Operating Systems 17D55102	Embedded System Design 17D06201 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	Advanced MOSFET Modeling 17D57101
01.02.2019 Friday	Linux Programming & OOPs 17D06203 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	CMOS Analog & Digital IC Design 17D68101	CMOS Analog IC Design 17D57102
04.02.2019 Monday	Embedded C 17D55101 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	---	CMOS Digital IC Design 17D57103
06.02.2019 Wednesday	Sensors & Actuators 17D06204 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD)	---	---
08.02.2019 Friday	Wireless Communications & Networks 17D38201 (Common to ES, (VLSI&ES, ES&VLSI and VLSI&ESD); Network Security & Cryptography 17D06208 (Common to ECE, ES (VLSI&ES, ES&VLSI and VLSI&ESD)	CPLD & FPGA Architectures & Applications 17D06202 (Common to ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD)	VLSI Signal Processing 17D57104; ASIC Design 17D55206
12.02.2019 Tuesday	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 VLSI&ES, ES&VLSI, and VLSI&ESD, VLSI, VLSIS and VLSISD); CAD for VLSI 17D57105 (Common to VLSI&ES, ES&VLSI, and VLSI&ESD, VLSI, VLSIS and VLSISD)	Optimization Techniques in VLSI Design 17D57106

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Date / Day	Advanced Manufacturing Systems (AMS)	Machine Design (MD)	CAD/CAM	Production Engineering & Engineering Design (PE&ED)
28.01.2019 Monday	Automation in Manufacturing 17D87101		Computational Methods 17DBS101 (Common to MD, CAD/CAM and PE&ED)	
30.01.2019 Wednesday	Computer Aided Manufacturing 17D87102		Advanced Finite Element Methods 17D04101 (Common to MD, CAD/CAM and PE&ED)	
01.02.2019 Friday	Precision Engineering 17D87103	Advanced Mechanisms 17D15101	Computer Integrated Manufacturing 17D04102 (Common to CAD/CAM, PE&ED and PE)	Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE)
04.02.2019 Monday	Design for Manufacturing & Assembly 17D87104	Advanced Mechanics of Solids 17D15102	Advances in Manufacturing Technology 17D04103 (Common to CAD/CAM, PE&ED and PE)	
06.02.2019 Wednesday	Special Manufacturing Process 17D87105; Product Data Management 17D87106; Total Quality Management 17D87107	Tribology in Design 17D15106; Design of Hydraulic & Pneumatic Systems 17D04105 (Common to MD & CAD/CAM); Gear Engineering 17D15107	Design for Cellular Manufacturing System 17D04104; Advanced Tool Design 17D04106	Mechanical Vibrations 17D15202; Mechanical Measurements 17D90101
08.02.2019 Friday	Advanced Mechatronics 17D87109; Advanced CAD 17D87108	Materials Technology 17D15109; Computer Applications in Design 17D15103	Computer Aided Process Planning 17D04108; Quality Engineering & Manufacturing 17D04107 (Common to PE&ED and PE)	Design & Manufacturing of MEMS & MICRO systems 17D87205; Rapid Prototyping 17D04208 (Common to PE&ED and PE)
12.02.2019 Tuesday	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)
28.01.2019 Monday	Materials Technology 17D15104	Advanced Thermodynamics 17D11102 (Common to TS&ES and TE)		Refrigeration 17D17101
30.01.2019 Wednesday	Advanced Welding Technology 17D94102	Energy Management in Thermal Systems 17D11101 (Common to TS&ES and TE)	Advanced Heat & Mass Transfer 17D11201	Conduction & Radiation Heat Transfer 17D17102
01.02.2019 Friday	Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE)	Renewable Energy Sources 17D11103	Turbo Machines 17D88101	Advanced Thermodynamics 17D17111
01.02.2019 Friday	---	Design of Air-Conditioning Systems 17D11105	Refrigeration & Air Conditioning 17D88103	Optimization of Engineering Design 17D17104
04.02.2019 Monday	Mechatronics 17D94103	Energy Conversion Technologies 17D11106	Equipment Design for Thermal Systems 17D88104	Food Preservation Techniques 17D17105
04.02.2019 Monday	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
06.02.2019 Wednesday	Theory of Metal Cutting & Tool Design 17D94101	Fuels & Combustion Technology 17D11104	Fuels, Combustion & Environment 17D88102	Principles of Air Conditioning 17D17103
06.02.2019 Wednesday	Rapid Prototyping 17D04208 (Common to PE&ED and PE)	Instrumentation for Thermal Engineering 17D11108	FEA in Thermal Engineering 17D88105	Cryogenic Engineering 17D17107
08.02.2019 Friday	Friction & Wear in Machinery 17D90204	Refrigeration & Cryogenics 17D11109	Design of Heat Exchangers 17D88106	Solar Refrigeration & Air Conditioning 17D17108
08.02.2019 Friday	Nanotechnology 17D94105	Advanced Power Plant Engineering 17D11110	Energy Resources 17D88107	Erection & Maintenance of Refrigeration & Air Conditioning Equipment 17D17109
12.02.2019 Tuesday	Quality Engineering 17D90102 (Common to PE&ED and PE)	---	---	---

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Date / Day	Geotechnical Engineering (GTE)
28.01.2019 Monday	Numerical Methods 17D12101
30.01.2019 Wednesday	Advanced Soil Mechanics 17D12102
01.02.2019 Friday	Theoretical Soil Mechanics 17D12103
04.02.2019 Monday	Design of Shallow Foundations 17D12104
	Geo-Technical Earth Quake Engineering 17D12105
06.02.2019 Wednesday	Remote Sensing & its Application in Geotechnical Engineering 17D12106
	Unsaturated Soil Mechanics 17D12107
	Geo-Environmental Engineering 17D12108
	Soil Dynamics & Machine Foundations 17D12109
08.02.2019 Friday	Soil Structure Interaction 17D12110
	Foundation Engineering for Problematic Soils 17D12111

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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