Jawaharlal Nehru Technological University Anantapur
Examinations Branch

M.Tech - II Semester Supplementary Examinations January/February 2020
Timetable
(for students admitted in 2016 only)

Time: 10.00 AM to 1.00 PM

Date / Day	Electrical Power Engineering (EPE)	Power Electronics and Electrical Drives (PE&ED)	VLSI System Design (VLSISD)
	Electrical Power Systems (EPS)	Power Electronics (PE)	VLSI
	Power Systems (PS)	Power Electronics & Drives (PED)	VLSID
		Power & Industrial Drives (PID)	
28.01.2020 Tuesday	Flexible AC Transmission Systems 9D49201 (Common to EPE, EPS, PS, PE&ED, PE, PED & PID)		Testing & Testability 9D55201 (Common to VLSISD,VLSI,VLSID & ES)
30.01.2020 Thursday	HVDC Transmission 9D49202 (Common to EPE, EPS, PS, PE&ED, PE, PED & PID)		Low Power VLSI Design 9D57202
01.02.2020 Saturday	Operation & Control of Power System 9D49203	Power Electronic Control of AC Drives 9D54203	Algorithms for VLSI Design Automation 9D57203
04.02.2020 Tuesday	Advanced Power System Protection 9D49204	Advanced Power Semiconductor Devices & Protection 9D54204	FPGA Architectures & Applications 9D55204 (Common to VLSISD,VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
06.02.2020 Thursday	Energy Conversion Systems 9D49205	Modern Power Electronics 9D54205	Scripting Language for VLSI Design Automation 9D57205
	ELECTIVE - II		ELECTIVE - II
10.02.2020 Monday	Programmable Logic Controllers 9D49206a (Common to EPE, EPS, PS, PE&ED, PE, PED & PID)		Nano Electronics 9D57206a
	Energy Auditing, Conservation & Management 9D49206b (Common to EPE, EPS, PS, PE&ED, PE, PED & PID)		Cryptography & Network Security 9D57206b/9D55205 (Common to VLSISD,VLSI,VLSID & ES)
			Real Time Operating Systems 9D57206c

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Date / Day	Digital Systems and Computer Electronics (DSCE)	Digital Electronics & Communications Systems (DECS)	Electronics & Communication Engineering (ECE)	Embedded Systems (ES)
28.01.2020 Tuesday	Micro Computer System Design 9D06201 (Common to DSCE,DECS & ECE)	Micro Computer System Design 9D06201 (Common to DSCE,DECS & ECE)	Micro Computer System Design 9D06201 (Common to DSCE,DECS & ECE)	Testing & Testability 9D55201 (Common to VLSISD,VLSI,VLSID & ES)
30.01.2020 Thursday	Hi-speed Networks 9D06202 (Common to DSCE & DECS)	Hi-speed Networks 9D06202 (Common to DSCE & DECS)	Network Security & Cryptography 9D06106a (Common to ES, VLSIES, ESVLSI & VLSIESD)	Real Time Operating Systems 9D55202 (Common to ES, VLSIES, ESVLSI & VLSIESD)
01.02.2020 Saturday	Design of Fault Tolerant Systems 9D06203	Wireless Communications 9D38203 (Common to DECS & ECE)	Wireless Communications 9D38203 (Common to DECS & ECE)	Hardware Software Co-design 9D55203
04.02.2020 Tuesday	Systems Programming 9D06204	Coding Theory & Techniques 9D38204 (Common to DECS & ECE)	Coding Theory & Techniques 9D38204 (Common to DECS & ECE)	FPGA Architecture & Applications 9D55204 (Common to VLSISD,VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
06.02.2020 Thursday	**ELECTIVE - II** Image & Video Processing 9D06205 (Common to DSCE, DECS & ECE) -	**ELECTIVE - II** Image & Video Processing 9D06205 (Common to DSCE, DECS & ECE) Optical Communications 9D38206b Compression Techniques 9D38206c	**ELECTIVE - II** Image & Video Processing 9D06205 (Common to DSCE, DECS & ECE) Spread Spectrum Communications 9D70201 Adaptive Signal Processing 9D38105	**ELECTIVE - II** Radio Frequency Identification 9D55206a Micro Electromechanical Systems 9D55206b Expert Systems 9D55206c
10.02.2020 Monday	**ELECTIVE - II** System Modeling & Simulation 9D06206a Algorithms for VLSI Design Automation 9D06206b FPGA Architecture & Applications 9D06206c	Detection & Estimation of Signals 9D38205	Low Power VLSI Design 9D06106 (c)	Cryptography & Network Security 9D57206b/9D55205 (Common to VLSISD,VLSI,VLSID & ES)

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Date / Day	Computer Science and Engineering (CSE)	Computer Science (CS)	Software Engineering (SE)	Computer Networks (CN)
28.01.2020 Tuesday	Software Quality Assurance & Testing 9D58201 (Common to CSE, CS & SE)			Cryptography and Network Security 9D08205
30.01.2020 Thursday	Object Oriented Analysis & Design 9D58202	Software Architecture & Design Patterns 9D25202		Mobile Adhoc Networks 9D08202
01.02.2020 Saturday	Advanced Computer Networks 9D58203	Service Oriented Architecture 9D25203		Peer to Peer Networks 9D08203
04.02.2020 Tuesday	Distributed Systems 9D58204	Software Reliability 9D25204		Optical Networks 9D08204
06.02.2020 Thursday	Data Warehousing & Mining 9D58205	Software Reengineering 9D25205		Wireless Networks 9D08201
10.02.2020 Monday	ELECTIVE - II	ELECTIVE - II		ELECTIVE - II
	Software Architecture 9D58206a	Secure Software Engineering 9D25206a		Wireless Network Security 9D08206a
	Software Design 9D58206b	Soft Computing 9D25206b		Trustworthy Computing 9D08206b
	Design Patterns 9D58206c	Model Driven Software Development 9D25206c		Software Architecture 9D58206a (Common to CSE, CS & CN)

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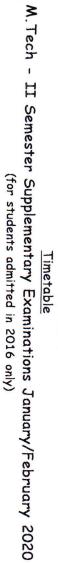### Timetable

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Time: 10.00 AM to 1.00 PM

Date / Day	Machine Design (MD)	CAD/CAM	Geotechnical Engineering (GTE)	Refrigeration & Air Conditioning (R&AC)
28.01.2020 Tuesday	Advanced Optimization Techniques 9D04201		Deep Foundations and Earth Retaining Structures 9D12201	Air-Conditioning-II 9D17201
30.01.2020 Thursday	Robotics 9D04202 (Common to MD and CAD/CAM)		Ground Improvement Techniques 9D12202	Convective Heat & Mass Transfer 9D17202
01.02.2020 Saturday	Mechanical Vibrations 9D15203	Mechatronics 9D04205	Design with Geo-Synthetics 9D12203	Refrigeration Equipment & Controls 9D17203
04.02.2020 Tuesday	Experimental Stress Analysis 9D15204	CNC Technology & Programming 9D04204	Finite Element Methods for Geo-Technical Applications 9D12204	Cryogenic Engineering 9D17204
06.02.2020 Thursday	Theory of Plasticity 9D15205	Computer Graphics 9D04203 (Common to CAD/CAM & PEED)	Earth and Rockfill Dams and Slope Stability 9D12205a	Food Processing Technology 9D17205
			Soil Stabilization and Flexible Pavement Design 9D12205b	
			Experimental Geo-Mechanics 9D12206a	Computational Fluid Dynamics 9D17206
10.02.2020 Monday	ELECTIVE - II	ELECTIVE - II	ELECTIVE - III	ELECTIVE - II
	Design for Manufacturing 9D15206a	Rapid Prototyping 9D04206a		
	Pressure Vessel Design 9D15206b	Artificial Intelligence & Expert Systems 9D04206b (Common to CAD/CAM & PE)	Structural Analysis and Foundation Design 9D12206b	Energy Conservation & Management 9D17207
	Mechanics of Composite Materials 9D15206c	Mechanics & Manufacturing Methods of Composites 9D04206c (Common to CAD/CAM & PEED)		Solar Heating & Cooling System 9D17208
		ELECTIVE - IV		

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Date / Day	Structural Engineering (St.E)	Thermal Engineering (Th.E)	Advanced Manufacturing Systems (AMS)
28.01.2020 Tuesday	Structural Dynamics 12D20201 (Common to St.E, SECM & CASE)	Energy Management 12D88201	Total Quality Management 12D87201
30.01.2020 Thursday	Finite Element Method 12D20202	Advanced IC Engines 12D88202	Intelligent Manufacturing Systems 12D87202
01.02.2020 Saturday	Stability of Structures 13D35110/12D20203 (Common to St.E & SECM)	Computational Fluid Dynamics 12D88203 (Common to Th.E & TSES)	Simulation & Modeling of Manufacturing Systems 12D87203 (Common to AMS, PEED & PE)
04.02.2020 Tuesday	Analysis of Shells and Folded Plates 12D20204	Thermal Measurements & Process Controls 12D88204	**Elective-I** Optimization Techniques & its Applications 12D87206 (Common to AMS & PEED) Design & Manufacturing of MEMS & Micro Systems 12D87207 (Common to AMS & PE) Industrial Robotics 12D87208 (Common to AMS & PE)
06.02.2020 Thursday	**Elective-III** Design of Bridges 12D20205a Concrete Technology 12D20205b Earthquake Resistant Structures 12D20205c	**Elective-II** Alternative Energy Sources 12D88205	Advanced Production & Operation Management 12D87205 (Common to AMS & PE)
10.02.2020 Monday	**Elective-IV** Advanced Steel Structures 12D20206a Building Construction Management 12D20206b Fracture Mechanics 12D20206c	Cryogenic Engineering 12D88206 Thermal & Nuclear Power Plants 12D88207 Jet Propulsion & Rocketry 12D88208	Design for Manufacturing & Assembly 12D87204

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Date / Day	Control Systems (Con.Sys)	Micro & Nano Electronics (MNE)	VLSI & Embedded Systems (VLSIES) / Embedded Systems & VLSI (ESVLSI) / VLSI & Embedded Systems Design (VLSIESD)
28.01.2020 Tuesday	Estimation of Signals & Systems 12D75201	MEMS/NEMS Design 12D86201	Software Defined Radio 12D68204
30.01.2020 Thursday	Non-Linear Control Theory 12D75202	Carbon Nano Tubes & Applications 12D86202	VLSI Signal Processing 12D68205
01.02.2020 Saturday	Optimal Control 12D75203	Nano Biotechnology 12D86203	Design & Testability 12D68206
04.02.2020 Tuesday	Advanced Digital Signal Processing 12D75204	Nano Sensors 12D86204	**Elective-II** Real Time Operating Systems 9D55202 (Common to ES, VLSIES, ESVLSI & VLSIESD)
06.02.2020 Thursday	**Elective-III** Adaptive & Learning Control 12D75205 / Robust Control 12D75206	**Elective-II** Nano Fabrication Techniques 12D86205	**Elective-II** DSP Architectures & Applications 12D68202 / FPGA Architectures & Applications 9D55204 / ASIC Design 12D68203 (Common to VLSISD, VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
10.02.2020 Monday	**Elective-IV** Real Time Systems 12D75207 / Process Dynamics & Control 12D75208	**Elective-II** Nano Medicine 12D86206 / Packing Technology 12D86207 / Industrial Nanotechnology 12D86208	Memory Technology 12D68201

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Date / Day	Structural Engineering & Construction Management (SECM)	Computer Aided Structural Engineering (CASE)	Highway Engineering (HE)	Production Engineering & Engineering Design (PEED)	Thermal Sciences & Energy Systems (TSES)
28.01.2020 Tuesday	Structural Dynamics 13D35201 (Common to St.E, SECM & CASE)		Highway Project Formulation & Economics 13D93201	Automation in Manufacturing 12D87101 (Common to PEED & PE)	Advanced Heat & Mass Transfer 12D88102
30.01.2020 Thursday	Finite Element Analysis of Structures 13D35202		Pavement Construction, Maintenance & Management 13D93202	Advanced Mechanisms 9D15102	Advanced Energy Technologies 13D11201
01.02.2020 Saturday	Stability of Structures 13D35110/12D20203 (Common to St.E & SECM)	Artificial Neural Networks 13D35203	Pavement Analysis & Design 13D93203	Simulation & Modeling of Manufacturing Systems 12D87203 (Common to AMS & PEED)	Computational Fluid Dynamics 12D88203 (Common to Th.E & TSES)
04.02.2020 Tuesday	Project Planning & Implementation 13D91201	CAD & Computer Applications in Structural Engineering 13D35204	Traffic Analysis 13D93204	Industrial Robotics 12D87208 (Common to AMS & PEED)	Design of Heat Transfer Equipment 13D11203
06.02.2020 Thursday	**Elective - III** Prestressed Concrete 13D35109 Construction Personnel Management 13D91202 Construction Economics & Finance Management 13D91203	**Elective - III** Analysis of Shells and Folded Plates 13D35205 Reliability Based Engineering Design 13D35206 Earthquake Resistant Structures 13D35207	**Elective - III** Road Safety Engineering 13D93205 Land use and Transportation Modeling 13D93206 Transportation System Management 13D93207	**Elective - II** Computer Graphics 9D04203 (Common to CAD/CAM & PEED) Material Technology 13D90201 Non-destructive Evaluation 9D15108	Energy Auditing & Management 13D11202 Energy Systems & Modeling Analysis 13D11204
10.02.2020 Monday	**Elective - IV** Construction Planning, Scheduling & Control 13D91204 Civil Engineering Material Science 13D91205 Environment & Pollution 13d91206	**Elective - IV** Management Information Systems 13D35208 Fracture Mechanics 13D35209 Advanced Concrete Technology 13D35210	**Elective - IV** Environmental Impact Assessment for Transportation Projects 13D93208 GIS Applications in Transportation Engineering 13D93209 Optimization Techniques 13D93210	Mechanics & Manufacturing Methods of Composites 9D04206c (Common to CAD/CAM & PEED) Optimization Techniques its Applications 12D88108	Optimization Techniques its Applications 12D88108 Energy Storage Systems 13D11205

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Date / Day		Construction Planning & Management (CP&M)		Production Engineering (PE)
28.01.2020 Tuesday		Quantitative Methods in Construction Management 14D21201		Automation in Manufacturing 12D87101 (Common to PEED & PE)
30.01.2020 Thursday		Construction Techniques, Methods & Equipment 14D21202		Machine Tool Design 14D94201
01.02.2020 Saturday		Quality & Safety Management 14D21203		Simulation & Modeling of Manufacturing Systems 12D87203 (Common to AMS, PEED & PE)
04.02.2020 Tuesday		Tall Building Construction 14D21204	Elective - II	Design & Manufacturing of MEMS & Micro Systems 12D87207 (Common to AMS & PE)
06.02.2020 Thursday	Elective - I	Strategic Management in Construction 14D21205		Advanced Production & Operation Management 12D87205 (Common to AMS & PE)
		Form Work Design 14D21206	Elective - II	Artificial Intelligence & Expert Systems 9D04206b (Common to CAD/CAM & PE)
		Maintenance & Rehabilitation of Engineering Structures 14D21207		
10.02.2020 Monday	Elective - II	Earthquake Resistant Design of Structures 14D21208		Performance Modeling & Analysis of Manufacturing Systems 14D94202
		Prestressed Concrete Structures 14D21209		
		Low Cost & Rural Housing Techniques 14D21210		
12.02.2020 Wednesday		-		Advanced Metal Forming 12D87106b

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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