Jawaharlal Nehru Technological University Anantapur
Examinations Branch
Timetable
M.Tech - I Semester Regular & Supplementary Examinations January/February 2017
(for students admitted in 2013, 2014, 2015 & 2016 only)

Time: 10.00 AM to 01.00 PM

Date / Day	Electrical Power Engineering (EPE) & Power Systems (PS)		Power Electronics and Electrical Drives (PE&ED)	VLSI System Design (VLSISD)		Embedded Systems (ES)
	Electrical Power Systems (EPS)	Power Systems (PS)	Power Electronics (PE) / Power Electronics & Drives (PED) / Power & Industrial Drives (PID)	VLSI	VLSID	
19.01.2017 Thursday	Modern Control Theory 9D49101 (Common Paper)			VLSI Technology 9D57101 (Common to VLSISD, VLSI, VLSID & ES)		VLSI Technology 9D57101 (Common to VLSISD, VLSI, VLSID & ES)
21.01.2017 Saturday	Microprocessors & Microcontrollers 9D49102 (Common Paper)			Analog IC Design 9D57102		Embedded System Concepts 9D06102 (Common to DSCE,DECS, ECE, ES, VLSIES, ESVLSI & VLSESD)
24.01.2017 Tuesday	Power System Control & Stability 9D49103	Principles of Machine Modeling Analysis 9D54103 (Common to PEED, PE,PED,PID & Con. Sys)		ELECTIVE-I Embedded Systems Concepts 9D57106a		Advanced Computer Architecture 9D06103 (Common to DSCE,DECS, & ES)
27.01.2017 Friday	EHVAC Transmission 9D49104	Analysis of Power Electronic Converters 9D54104		Hardware Description Languages 9D57104 (Common to VLSISD, VLSI, VLSID, VLSIES, ESVLSI & VLSIESD)		Micro Controllers & Interfacing 9D55104
30.01.2017 Monday	Reactive Power Compensation & Management 9D49105	Power Electronic Control of DC Drives 9D54105		Hardware Software Co-design 9D57105		Operating Systems 9D55105
01.02.2017 Wednesday	ELECTIVE-I Advanced Digital Signal Processing 9D49106a (Common Paper)			ELECTIVE-I System Modeling & Simulation 9D57106b	ASIC Design 9D57106c	ELECTIVE - I Advanced DSP Applications 9D55101
03.02.2017 Friday	ELECTIVE-I Neural Networks and Fuzzy Systems 9D49106b (Common to EPE, EPS, PS, PE&ED, PE, PED & PID)			ELECTIVE-I Digital IC Design 9D57103 (Common to VLSISD, VLSI, VLSID & ES)	Algorithms for VLSI Design Automation 9D55106c	ELECTIVE - I Digital IC Design 9D57103 (Common to VLSISD, VLSID, VLSI & ES)

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Date / Day	Computer Science and Engineering (CSE) Computer Science (CS)	Software Engineering (SE)	Computer Networks (CN)
19.01.2017 Thursday		Advanced Data Structures & Algorithms 9D58101 (Common to CSE, CS, SE & CN)	
21.01.2017 Saturday	Discrete Structures 9D58102	Advanced Software Engineering 9D25102	Advanced Computer Networks 9D58203
24.01.2017 Tuesday	Computer System Design 9D58103	Software Requirements & Estimation 9D25103	Distributed Systems 9D58204
27.01.2017 Friday	Java & Web Technologies 9D58104	Software Metrics 9D25104	Network Management Systems 9D08103
30.01.2017 Monday	Software Engineering 9D58105	Middleware Technologies 9D25105	Protocol Software Engineering 9D08104
01.02.2017 Wednesday	ELECTIVE-I Advances in Databases 9D58106a Distributed Databases 9D58106b Computer Vision 9D58106c	ELECTIVE-I Object Oriented Modeling 9D25106a Software Project Management 9D25106b Software Process Management 9D25106c	ELECTIVE-I Performance Evaluation of Computer Networks 9D08105a Grid Computing 9D08105b Secure Software Engineering 9D25206a

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Date / Day	Machine Design (MD)	CAD/CAM	Geotechnical Engineering (GTE)	Refrigeration & Air Conditioning (R&AC)
19.01.2017 Thursday	Computational Methods 9DBS101 (Common to MD, CAD/CAM, R&AC & PEED)			Computational Methods 9DBS101 (Common to MD, CAD/CAM and R&AC)
21.01.2017 Saturday	Advanced Mechanisms 9D15102	Finite Element Methods 9D04102 (Common to CAD/CAM & PEED)	Theoretical Soil Mechanics 9D12102	Advanced Thermodynamics 9D17101
24.01.2017 Tuesday	Advanced Mechanics of Solids 9D15103	Computer Integrated Manufacturing 9D04103	Numerical Methods 9D12103	Conduction & Radiation Heat Transfer 9D17102
27.01.2017 Friday	Fracture, Fatigue & Creep Deformation 9D15104	Geometric Modeling 9D04104	Shallow Foundations 9D12104	Refrigeration 9D17103
30.01.2017 Monday	Materials Technology 9D15105	Advances in Manufacturing Technology 9D04105 (common to CAD/CAM & PEED)	**ELECTIVE-I** Geo-Technical Earth Quake Engineering 9D12105a / Geographical Information Systems (GIS) 9D12105b	Air-Conditioning – I 9D17104
01.02.2017 Wednesday	**ELECTIVE-I** Tribology 9D15106a / Gear Engineering 9D15106b / Non Destructive Evaluation 9D15106c	**ELECTIVE-I / ELECTIVE-II** Quality Engineering & Manufacturing 9D04106a (Common to CAD/CAM & PE) / Computer Aided Process Planning 9D04106b / Design for Manufacturing 9D04106c (Common to CAD/CAM & PEED)	**ELECTIVE-II** Geo-Environmental Engineering 9D12106a / Soil Dynamics & Machine Foundations 9D12106b	Advanced Fluid Mechanics 9D17105 **ELECTIVE-I** Maintenance & Reliability Engineering 9D17106 / Object Oriented Programming Through C 9D17107

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Date / Day	Structural Engineering (St.E)	Thermal Engineering (Th.E)	Advanced Manufacturing Systems (AMS)
19.01.2017 Thursday	Higher Engineering Mathematics 13D91101/12D20101 (Common to St.E & SECM)	Advanced Thermodynamics 12D88101	Automation in Manufacturing 12D87101
21.01.2017 Saturday	Advanced Structural Analysis 12D20102	Advanced Heat & Mass Transfer 12D88102	Advanced Manufacturing Processes 12D87102
24.01.2017 Tuesday	Theory of Elasticity & Plasticity 12D20103	Turbo Machines 12D88103	Product Design & Development 12D87103
27.01.2017 Friday	Theory & Analysis of Plates 12D20104	Fuels, Combustion & Environment 12D88104	Advanced Computer Aided Design 12D87104
30.01.2017 Monday	**ELECTIVE-I** Experimental Stress Analysis 12D20105a (Common to St.E & CP&W) / Advanced Structural Design 12D20105b / Low Cost Housing Techniques 12D20105c	FEA in Thermal Engineering 12D88105	**ELECTIVE-I** Theory of Metal Cutting & Tool Design 12D87106a / Advanced Metal Forming 12D87106b / Material Technology 9D15105/12D87108 (from AY 2014-15 onwards) (Common to AMS & PE) / FEA in Manufacturing 12D87105
01.02.2017 Wednesday	**ELECTIVE-II** Prestressed Concrete 12D20106a / Maintenance & Rehabilitation of Structures 12D20106b (Common to St.E & SECM) / Advanced Foundation Engineering 12D20106c	Refrigeration & Air Conditioning 12D88106a / Equipment Design for Thermal Systems 12D88106b / Optimization Techniques & its Applications 12D88106c	

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Date / Day	Digital Systems and Computer Electronics (DSCE)	Digital Electronics & Communication Systems (DECS)	Electronics & Communication Engineering (ECE)
19.01.2017 Thursday	Network Security & Cryptography 9D06106a		
21.01.2017 Saturday	ELECTIVE - I		
24.01.2017 Tuesday	Advanced Computer Architecture 9D06103 (Common to DSCE, DECS & ES)	Embedded System Concepts 9D06102 (Common to DSCE, DECS, ECE, ES, VLSIES, ESVLSI & VLSIESD)	Advanced Digital Signal Processing 9D38103 (Common to DECS & ECE)
27.01.2017 Friday	Advanced Data Communications 9D06104	Advanced Computer Architecture 9D06103 (Common to DSCE, DECS & ES)	ELECTIVE - I
30.01.2017 Monday	Neural Networks & Applications 9D06105 (Common to DSCE & ECE)	Embedded System Concepts 9D06102 (Common to DSCE, DECS, ECE, ES, VLSIES, ESVLSI & VLSIESD)	Detection & Estimation of Signals 9D38205 (Common to Com Sys & ECE)
01.02.2017 Wednesday	DSP Processors & Architectures 9D06106b (Common to DSCE, DECS & ECE)	Adaptive Signal Processing 9D38105	Digital Communication Techniques 9D38104 (Common to DECS & ECE)
03.02.2017 Friday	ELECTIVE - I	Low Power VLSI Design 9D06106c (Common to DSCE & DECS)	Neural Networks & Applications 9D06105 (Common to DSCE & ECE)
06.02.2017 Monday	-	Digital System Design 9D06101 (Common to DSCE, DECS, ECE, VLSIES, ESVLSI, VLSIESD & MNE)	DSP Processors & Architectures 9D06106b (Common to DSCE, DECS & ECE)
		-	Optical Communications 9D38106b

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Date / Day	VLSI & Embedded Systems (VLSIES) / Embedded Systems & VLSI (ESVLSI) / VLSI & Embedded Systems Design (VLSIESD)	Micro & Nano Electronics (MNE)	Control Systems (Con.Sys)
19.01.2017 Thursday	VLSI Technology 9D57101 (Common to VLSISD, VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)	ELECTIVE-I: Quantum Electronics 12D86106a / Measurements & Characterization of Nano Materials 12D86106b	Intelligent Control 12D75103
21.01.2017 Saturday	Embedded System Concepts 9D06102 (Common to DSCE, DECS, ECE, ES, VLSIES, ESVLSI & VLSIESD)	Microelectronic Technology & IC Fabrication 12D86102	Stochastic Processes 12D75101
24.01.2017 Tuesday	Analog & Digital IC Design 12D68101 (Common to VLSIES, ESVLSI & VLSIESD)	Materials for Nanotechnology 12D86103	ELECTIVE-II: Principles of Machine Modeling & Analysis 9D54103 (common to PEED, PE, PED, PID & Con.Sys) / Advanced Microprocessors & Microcontrollers 12D75105
27.01.2017 Friday	Hardware Description Languages 9D57104 (Common to VLSISD, VLSI, VLSID, VLSIES, ESVLSI & VLSIEDS)	Micro Sensors & Actuators 12D86104	Digital Control Systems 12D75102
30.01.2017 Monday	ELECTIVE-I: MEMS 12D68102a / RF IC Design 12D68102b / Device Modeling 12D68102c	Nano CMOS Circuits & Physical Design 12D86105	Modern Control Theory 12D75100
01.02.2017 Wednesday	-	Advanced Computing Methods 12D86101	ELECTIVE-I: Robot Modeling & Control 12D75104a / Advanced Instrumentation Systems 12D75104b
03.02.2017 Friday	Digital System Design 9D06101 (Common to DSCE, DECS, ECE, VLSIES, ESVLSI, VLSIESD & MNE)	Digital System Design 9D06101 (Common to DSCE, DECS, ECE, VLSIES, ESVLSI, VLSIESD & MNE)	-

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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 Science & Energy Systems (TSES)
19.01.2017 Thursday	Higher Engineering Mathematics 13D91101/12D20101 (Common to St:E & SECM)	Computer Aided Numerical Methods 13D35101	Highway Infrastructure Design 13D93101	Computational Methods 9DBS101 (Common to MD, CAD/CAM, R&AC, & PEED)	Probability & Mathematical Analysis 13D11101
21.01.2017 Saturday	Matrix Methods of Structural Analysis 13D35102 (common to SE&CM and CASE)		Urban Transportation Planning 13D93102	Finite Element Methods 9D04102 (common to CAD/CAM & PEED)	Refrigeration & Cryogenics 13D11103
24.01.2017 Tuesday	Theory of Elasticity 13D35103 (Common to SE&CM and CASE)		Traffic Engineering 13D93103	Mechanical Vibrations 9D15203 (common to CAD/CAM & PEED)	Advanced Thermodynamics 13D11102
27.01.2017 Friday	Construction Management 13D91102	C++ & Data Structures 13D35104	Pavement Material Characterization 13D93104	Advanced Optimization Techniques 9D04201 (Common to PE & PEED)	Renewable Energy Sources 13D11104
30.01.2017 Monday	**Elective-II** Advanced Construction Techniques 13D91106 Construction Methods & Equipments 13D91107 Quality Control & Safety Management 13D91108	**Elective-I** Experimental Stress Analysis 13D35105 Optimization in Structural Design 13D35106 Structural Health Monitoring 13D35107	**Elective-I** Applied Statistics 13D93105 Project Management 13D93106 Bridge Engineering 13D93107	**Elective-I** Advances in Manufacturing Technology 9D04105 (common to CAD/CAM & PEED) Design for Manufacturing 9D04106c (common to CAD/CAM & PEED)	Fuels & Combustion Technology 13D11105
01.02.2017 Wednesday	**Elective-I** Cost Effective Housing Techniques 13D91103 Contract Laws & Regulations 13D91104 Maintenance & Rehabilitation of Structures 12D20106b (common to St:E & SECM)	**Elective-II** Modeling, Simulation & Computer Applications 13D35108 Prestressed Concrete Structures 13D35109 Structural Stability 13D35110	**Elective-II** Remote Sensing & Global Positioning Systems 13D93108 Engineering of Ground Modifications 13D93109 Advanced Concrete Technology 13D93110	**Elective-I** Rapid Prototyping 9D04206 Design & Manufacturing of MEMS & MICRO Systems 12D87207	**Elective-I** Design of Air-Conditioning Systems 13D11106 Energy Conversion Technologies 13D11107 Solar Passive Architecture 13D11108

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Date / Day	Construction Planning & Management (CP&M)	Production Engineering (PE)
19.01.2017 Thursday	Probability & Statistics 14D21101	Advanced Casting & Welding Technology 14D94101
21.01.2017 Saturday	Construction Planning & Project Management 14D21102	Theory of Metal Cutting & Tool Design 12D87106a
24.01.2017 Tuesday	Construction Practices 14D21103	Rapid Prototyping 9D04206a
27.01.2017 Friday	Advanced Concrete Technology 14D21104	Advanced Optimization Techniques 9D04201 (Common to PE & PEED)
30.01.2017 Monday	Human Resource Development for Construction 14D21105	Material Technology 12D87108 (Common to AMS & PE)
	Elective – I Value Engineering 14D21106	
	Experimental Stress Analysis 12D20105a (Common to St.E & CP&M)	**Elective – I** Quality Engineering & Manufacturing 9D04106a (Common to CAD/CAM & PE)
01.02.2017 Wednesday	**Elective – II** Construction Economics & Finance 14D21107	Mechatronics 9D04205
	Construction Technology for Tunnels 14D21108	Advances in Manufacturing Technology 9D04105
	Building Services 14D21109	

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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