



**Jawaharlal Nehru Technological University Anantapur**  
**Examinations Branch**

**M.Tech - II Semester Supplementary Examinations February 2018**  
**(for students admitted in 2012, 2013, 2014, 2015 & 2016 only)**

**Timetable**

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 Systems (PS)	Power Electronics (PE)	Power Electronics & Drives (PED) & Industrial Drives (PID)	
14.02.2018 Wednesday		Flexible AC Transmission Systems 9D49201			Testing & Testability 9D55201 (Common to VLSISD, VLSI, VLSID & ES)
16.02.2018 Friday		HVDC Transmission 9D49202			Low Power VLSI Design 9D57202
19.02.2018 Monday		Operation & Control of Power System 9D49203		Power Electronic Control of AC Drives 9D54203	Algorithms for VLSI Design Automation 9D57203
21.02.2018 Wednesday		Advanced Power System Protection 9D49204		Advanced Power Semiconductor Devices & Protection 9D54204	FPGA Architectures & Applications 9D55204 (Common to VLSISD, VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
23.02.2018 Friday		Energy Conversion Systems 9D49205		Modern Power Electronics 9D54205	Scripting Language for VLSI Design Automation 9D57205
26.02.2018 Monday	ELECTIVE - II	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

Date: 18.01.2018



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Date / Day	Digital Systems and Computer Electronics (DSCE)	Digital Electronics & Communications Systems (DECS)	Electronics & Communication Engineering (ECE)	Embedded Systems (ES)
14.02.2018 Wednesday		Micro Computer System Design 9D06201 (Common to DSCE, DECS & ECE)		Testing & Testability 9D55201 (Common to VLISID, VLST, VLSTID & ES)
16.02.2018 Friday	Hi-speed Networks 9D06202 (Common to DSCE & DECS)		Network Security & Cryptography 9D06106a	Real Time Operating Systems 9D55202 (Common to ES, VLSTIES, ESVLSTI & VLSTIESD)
19.02.2018 Monday	Design of Fault Tolerant Systems 9D06203	Wireless Communications 9D38203 (Common to DECS & ECE)		Hardware Software Co-design 9D55203
21.02.2018 Wednesday	Systems Programming 9D06204	Coding Theory & Techniques 9D38204 (Common to DECS & ECE)		FPGA Architecture & Applications 9D55204 (Common to VLISID, VLST, VLSTID, ES, VLSTIES, ESVLSTI & VLSTIESD)
23.02.2018 Friday	Image & Video Processing 9D06205 (Common to DSCE, DECS, ECE & Com Sys)	Image & Video Processing 9D06205 (Common to DSCE, DECS, ECE & Com Sys)	Optical Communications 9D38206b	Radio Frequency Identification 9D55206a
			Compression Techniques 9D38206c	Micro Electromechanical Systems 9D55206b
				Expert Systems 9D55206c
26.02.2018 Monday	ELECTIVE - II System Modeling & Simulation 9D06206a Algorithms for VLSI Design Automation 9D06206b FPGA Architecture & Applications 9D06206c	ELECTIVE - II Detection & Estimation of Signals 9D38205	Image & Video Processing 9D06205 (Common to DSCE, DECS, ECE & Com Sys)	Cryptography & Network Security 9D57206b/9D55205 (Common to VLISID, VLST, VLSTID & ES)
			Adaptive Signal Processing 9D38105	
			Low Power VLSI Design 9D06106 (c)	

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Date / Day	Computer Science and Engineering (CSE)	Software Engineering (SE)	Computer Networks (CN)			
	Computer Science (CS)					
14.02.2018 Wednesday	Software Quality Assurance & Testing 9D58201 (Common to CSE, CS & SE)		Cryptography and Network Security 9D08205			
16.02.2018 Friday	Object Oriented Analysis & Design 9D58202	Software Architecture & Design Patterns 9D25202	Mobile Adhoc Networks 9D08202			
19.02.2018 Monday	Advanced Computer Networks 9D58203	Service Oriented Architecture 9D25203	Peer to Peer Networks 9D08203			
21.02.2018 Wednesday	Distributed Systems 9D58204	Software Reliability 9D25204	Optical Networks 9D08204			
23.02.2018 Friday	Data Warehousing & Mining 9D58205	Software Reengineering 9D25205	Wireless Networks 9D08201			
26.02.2018 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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Time: 10.00 AM to 1.00 PM

Date / Day	Machine Design (MD)	CAD/CAM	Geotechnical Engineering (GTE)	Refrigeration & Air Conditioning (R&AC)
14.02.2018 Wednesday	Advanced Optimization Techniques 9D04201 (Common to MD and CAD/CAM)		Deep Foundations and Earth Retaining Structures 9D12201	Air-Conditioning-II 9D17201
16.02.2018 Friday	Robotics 9D04202 (Common to MD and CAD/CAM)		Ground Improvement Techniques 9D12202	Convective Heat & Mass Transfer 9D17202
19.02.2018 Monday	Mechanical Vibrations 9D15203	Mechatronics 9D04205	Design with Geo-Synthetics 9D12203	Refrigeration Equipment & Controls 9D17203
21.02.2018 Wednesday	Experimental Stress Analysis 9D15204	CNC Technology & Programming 9D04204	Finite Element Methods for Geo-Technical Applications 9D12204	Cryogenic Engineering 9D17204
23.02.2018 Friday	Theory of Plasticity 9D15205	Computer Graphics 9D04203 (Common to CAD/CAM & PEED)	ELECTIVE - III Earth and Rockfill Dams and Slope Stability 9D12205a Soil Stabilization and Flexible Pavement Design 9D12205b	Food Processing Technology 9D17205
26.02.2018 Monday	ELECTIVE - II Design for Manufacturing 9D15206a Pressure Vessel Design 9D15206b Mechanics of Composite Materials 9D15206c	ELECTIVE - II Rapid Prototyping 9D04206a Artificial Intelligence & Expert Systems 9D04206b (Common to CAD/CAM & PE) Mechanics & Manufacturing Methods of Composites 9D04206c (Common to CAD/CAM & PEED)	ELECTIVE - IV Experimental Geo-Mechanics 9D12206a Structural Analysis and Foundation Design 9D12206b	ELECTIVE - II Computational Fluid Dynamics 9D17206 Energy Conservation & Management 9D17207 Solar Heating & Cooling System 9D17208

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Time: 10.00 AM to 1.00 PM

Date / Day	Structural Engineering (St.E)	Thermal Engineering (Th.E)	Advanced Manufacturing Systems (AMS)
14.02.2018 Wednesday	Structural Dynamics 12D20201	Energy Management 12D88201	Total Quality Management 12D87201
16.02.2018 Friday	Finite Element Method 12D20202	Advanced IC Engines 12D88202	Intelligent Manufacturing Systems 12D87202
19.02.2018 Monday	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)
21.02.2018 Wednesday	Analysis of Shells and Folded Plates 12D20204	Thermal Measurements & Process Controls 12D88204	Elective-I
			Optimization Techniques & its Applications 12D87206
			Design & Manufacturing of MEMS & Micro Systems 12D87207 (Common to AMS & PE)
23.02.2018 Friday	Elective-III	Alternative Energy Sources 12D88205	Industrial Robotics 12D87208 (Common to AMS & PEED)
			Advanced Production & Operation Management 12D87205 (Common to AMS & PE)
26.02.2018 Monday	Elective-IV	Cryogenic Engineering 12D88206	Design for Manufacturing & Assembly 12D87204
26.02.2018 Monday	Elective-II	Jet Propulsion & Rocketry 12D88208	
26.02.2018 Monday	Elective-I	Advanced Steel Structures 12D20206a	
26.02.2018 Monday	Elective-III	Earthquake Resistant Structures 12D20205c	
26.02.2018 Monday	Elective-IV	Building Construction Management 12D20206b	
26.02.2018 Monday	Elective-IV	Fracture Mechanics 12D20206c	

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Time: 10.00 AM to 1.00 PM

Date / Day	Control Systems (Con. Sys)	Micro & Nano Electronics (MNE)	Elective-II	
			VLSI & Embedded Systems (VLSIES) Embedded Systems & VLSI (ESVLSI) VLSI & Embedded Systems Design (VLSIESD)	Real Time Operating Systems 9D55202 (Common to ES, VLSIES, ESVLSI & VLSIESD) DSP Architectures & Applications 12D68202 FPGA Architectures & Applications 9D55204 (Common to VLSISD, VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
14.02.2018 Wednesday	Estimation of Signals & Systems 12D75201	MEMS/NEWS Design 12D86201	Software Defined Radio 12D68204	VLSI Signal Processing 12D68205
16.02.2018 Friday	Non-Linear Control Theory 12D75202	Carbon Nano Tubes & Applications 12D86202	Design & Testability 12D68206	Real Time Operating Systems 9D55202
19.02.2018 Monday	Optimal Control 12D75203	Nano Biotechnology 12D86203		DSP Architectures & Applications 12D68202
21.02.2018 Wednesday	Advanced Digital Signal Processing 12D75204	Nano Sensors 12D86204		FPGA Architectures & Applications 9D55204 (Common to VLSISD, VLSI, VLSID, ES, VLSIES, ESVLSI & VLSIESD)
23.02.2018 Friday	Elective-III Adaptive & Learning Control 12D75205 Robust Control 12D75206	Nano Fabrication Techniques 12D86205	ASIC Design 12D68203	
			ASIC Design 12D68203	
26.02.2018 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	
			Memory Technology 12D68201	
			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)					
14.02.2018 Wednesday	Structural Dynamics 13D35201	Highway Project Formulation & Economics 13D93201	Automation in Manufacturing 12D87101 (Common to PEED & PE)	Advanced Heat & Mass Transfer 12D88102						
16.02.2018 Friday	Finite Element Analysis of Structures 13D35202	Pavement Construction, Maintenance & Management 13D93202	Advanced Mechanisms 9D15102	Advanced Energy Technologies 13D11201						
19.02.2018 Monday	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)					
21.02.2018 Wednesday	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					
23.02.2018 Friday	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					
						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)	Energy Systems & Modeling Analysis 13D11204 Optimization Techniques & its Applications 12D88108 Energy Storage Systems 13D11205
26.02.2018 Monday	Elective - IV		Elective - IV							



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Time: 10.00 AM to 01.00 PM

Date / Day	Construction Planning & Management (CP&M)	Production Engineering (PE)		
14.02.2018 Wednesday	Quantitative Methods in Construction Management 14D21201	Automation in Manufacturing 12D87101 (Common to PEED & PE)		
16.02.2018 Friday	Construction Techniques, Methods & Equipment 14D21202	Machine Tool Design 14D94201		
19.02.2018 Monday	Quality & Safety Management 14D21203	Simulation & Modeling of Manufacturing Systems 12D87203 (Common to AMS, PEED & PE)		
21.02.2018 Wednesday	Tall Building Construction 14D21204	Design & Manufacturing of MEMS & Micro Systems 12D87207 (Common to AMS & PE)		
23.02.2018 Friday	Elective - I	Elective - II		
			Strategic Management in Construction 14D21205	Advanced Production & Operation Management 12D87205 (Common to AMS & PE)
			Form Work Design 14D21206	
Maintenance & Rehabilitation of Engineering Structures 14D21207				
26.02.2018 Monday	Elective - II	Elective - II		
			Earthquake Resistant Design of Structures 14D21208	Artificial Intelligence & Expert Systems 9D04206b (Common to CAD/CAM & PE)
			Prestressed Concrete Structures 14D21209	
Low Cost & Rural Housing Techniques 14D21210				
28.02.2018 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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