

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA- 533003**

M.Tech II Semester Regular Examinations (R09 Regulations), October,2012

T I M E T A B L E

Time: 10:00AM to 01:00 PM

Date & Day	MECHANICAL		CIVIL		BIO-TECHNOLOGY	CHEMICAL ENGINEERING
	MACHINE DESIGN	CAD/CAM	TRANSPORTATION ENGINEERING	STRUCTURAL ENGINEERING		
15-10-2012 Monday	Advanced Optimization Techniques (D0401)	Advanced Optimization Techniques (D0401)	Operation research (D7301)	Finite Element method in Structural Engineering	Genetic Engineering (D0301)	Multicomponent Mass Transfer ACH21201
17-10-2012 Wednesday	Mechanical Vibrations (D1501)	Computer Graphics (D0402)	GIS in Transportation Engineering (D7302)	Computer Applications and CAD	Enzyme Engineering (D0302)	Computational fluid Dynamics ACH21202
19-10-2012 Friday	Robotics (D0403)	Robotics (D0403)	Pavement construction and management (D7303)	Stability of Structures	Environmental Biotechnology (D0303)	Advanced Process Control ACH21203
23-10-2012 Monday	Experimental Stress Analysis (D1502)	CNC Technology & programming (D0404)	Urban transportation planning (D7304)	Structural Dynamics and Earthquake Resistant Design	Industrial Biotech products (D0304)	Optimization Techniques in Chemical Engineering ACH21204

25-10-2012 Wednesday	<u>Elective I</u> 1.Advanced Geometric Modeling (D0409) 2.Product Engineering (D0406) 3.Computational Fluid Dynamics (D1504) 4.Theory of Plasticity (D1505)	<u>Elective II. I</u> Advanced Geometrical Modeling (D0409) <u>Elective I</u> 2.Product Engineering (D0406) 3.Cellular Manufacturing Systems (D0407) 4.Rapid Prototyping (D0408)	Environmental impact assessment (D7305)	<u>Elective-I</u> 1.Pre-Stress concrete 2. Composite Materials 3.Fracture Mechanics	<u>Elective I</u> 1.Nanotechnology (D0305) 2.Proteomics and Genomics for target identification (D0306)	<u>Elective-I</u> 1.Advanced Chemical Engineering plant design ACH21205 2.Chemical Process Safety ACH21206 3.Advanced Petroleum Refining Process ACH21207
29-10-2012 Friday	<u>Elective II</u> 1.Pressure Vessel Design (D1506) 2.Nano Technology (D1507) 3.Mechatronics (D1508) 4.Mechanics of Composite Materials (D1509)	<u>Elective II</u> 2.Artificial Intelligence & Expert Systems (D0410) 3.Mechanics and Manufacturing methods of Composites (D0411) 4.Concurrent Engineering (D04012)	<u>Elective I</u> 1.Remote sensing and GPS for transportation engineering (D7306) 2.Air Port Engineering (D7307) 3.Rural Roads (D7308))	<u>Elective-II</u> 1.Special topics in structural design 2. Principle of Bridge Engineering 3.Principles of foundation Engineering	---	--
31-10-2012 Monday	-	<u>Elective I</u> 1.Mechanics of Metal Cutting and Tool Design (D0405)	--	--	--	--

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A.m.prasad

Date: 22-09-2012

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA- 533003

M.Tech II Semester Regular Examinations (R09 Regulations), October,2012

T I M E T A B L E

Time: 10:00AM to 01:00 PM

TIME TABLE FOR ELECTRONICS & COMMUNICATION ENGINEERING								
Date & Day	VLSI SYSTEM DESIGN	VLSI & EMBEDDED SYSTEMS / VLSI DESIGN	EMBEDDED SYSTEMS	DIGITAL ELECTRONICS & COMMUNICATION SYSTEMS	DIGITAL SYSTEMS & COMPUTER ELECTRONICS	ELECTRONICS & COMMUNICATION	SYSTEMS & SIGNAL PROCESSING	DIGITAL IMAGE PROCESSING
15-10-2012 Monday	Algorithms for VLSI Design Automation (D5501)	Algorithms for VLSI Design Automation (D5501)	Algorithms for VLSI Design Automation (D5501)	Wireless Communication & Networks (D3801)	Wireless Communication & Networks (D3801)	Wireless Communication & Networks (D3801)	Wireless Communication & Networks (D3801)	<u>Elective:</u> Wireless Communication & Networks (D3801)
17-10-2012 Wednesday	Low Power VLSI Design (D5505)	Low Power VLSI Design (D5505)	<u>Elective</u> Low Power VLSI Design (D5505)	Low Power VLSI Design (D5505)	<u>Elective:</u> 1. Micro computer system Design (D0602)	--	--	<u>Elective:</u> 2. Micro Computer System Design (D0602)
19-10-2012 Friday	DSP Processor & Architecture (D3803)	DSP Processor & Architecture (D3803)	DSP Processor & Architecture (D3803)	DSP Processors & Architecture (D3803)	DSP Processors & Architecture (D3803)	DSP Processors & Architecture (D3803)	DSP Processors & Architecture (D3803)	<u>Elective</u> DSP Processors & Architecture (D3803)
23-10-2012 Monday	<u>Electives</u> 2. System Modeling & simulation (D3806)	<u>Elective:</u> 2. System Modeling & Simulation (D3806)	<u>Elective:</u> 1. System Modeling & Simulation (D3806)	<u>Electives</u> 2. System Modeling & Simulation (D3806)	<u>Electives</u> 2. System Modeling & Simulation (D3806)	<u>Electives</u> 2. RF Circuit Design (D7001)	<u>Electives</u> 2. RF Circuit Design (D7001)	<u>Electives</u> 1. Statistical Signal Processing (D6302) 2. System Modeling & Simulation (D3806)

25-10-2012 Wednesday	Design of Fault Tolerant Systems (D0601)	<u>Elective</u> 1.Design of Fault Tolerant Systems (D0601)	<u>Elective</u> 2. Design of Fault Tolerant Systems (D0601)	Optical Communication (D3804)	Design of Fault Tolerant Systems (D0601)	Optical Communication (D3804)	Design of Fault Tolerant Systems (D0601)	<u>Elective</u> Optical Communication (D3804)
29-10-2012 Friday	<u>Elective</u> 1.Embedded and Real time Systems (D6801)	Embedded and Real time Systems (D6801)	Real Time Operating Systems for Embedded Systems (D5502)	<u>Electives</u> 1.Internet Protocols (D3807) 2.Network Security and Cryptography (D3808)	<u>Electives</u> 1.Internet Protocols (D3807) 2.High Speed Networks (D0603)	<u>Electives</u> 2.Internet Protocols (D3807)	<u>Electives</u> 1.Internet Protocols (D3807) 2.Network Security and Cryptography (D3808)	Image Processing and Pattern Recognition (D5812)
31-10-2012 Monday	<u>Electives</u> 1. CPLD and FPGA Architecture and Applications (D5506)	<u>Electives</u> 1. CPLD and FPGA Architecture and Applications (D5506)	<u>Electives</u> 2.CPLD and FPGA Architecture and Applications (D5506)	Analog & Digital IC Design (D3802)	Analog & Digital IC Design (D3802)	Analog & Digital IC Design (D3802)	Analog & Digital IC Design (D3802)	Detection and Estimation of Signals (D6301)
02-11-2012 Wednesday	<u>Elective.</u> Advanced Microcontrollers and Processors (D5504)	<u>Elective.</u> Advanced Microcontrollers and Processor (D5504)	Advanced Microcontrollers and Processors (D5504)	<u>Elective</u> Radar Signal Processing (D3805)	--	<u>Elective</u> Radar Signal Processing (D3805)	<u>Elective.</u> Radar Signal Processing (D3805)	Radar Signal Processing (D3805)
05-11-2012 Friday	--	--	--	--	--	2.Image and Video Processing (D7002)	--	Image and Video Processing (D7002)

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A.m. phasad

Date: 22-09-2012

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA- 533003

M.Tech II Semester Regular Examinations (R09 Regulations), October,2012

T I M E T A B L E

Time: 10:00AM to 01:00 PM

TIME TABLE FOR COMPUTER SCIENCE & ENGINEERING					
Date & Day	Computer Science	Information Technology	Software Engineering	Computer Science & Engineering	Neural Network
15-10-2012 Monday	<u>Elective</u> . Data Warehousing and Data Mining (D5809)	Advances in Computing (D4001)	Data Warehousing and Data Mining (D5809)	Data Warehousing and Data Mining (D5809)	Data Warehousing and Mining (D5809)
17-10-2012 Wednesday	Artificial Intelligence and Soft computing (D5801)	<u>Elective</u> . Information Security (D4009)	Information Security (D4009)	<u>Elective</u> . Artificial Intelligence and Soft Computing (D5801)	Information Security, Management & Standards (D6901)
19-10-2012 Friday	Object Oriented Software Engineering (D5803)	Machine Learning (D4003)	Software process and Project Management (D2501)	Object Oriented Software Engineering (D5803)	Machine Learning (D4003)
23-10-2012 Monday	Compiler Design (D5804)	Advanced Computer Networks (D4004)	Secure Software Engineering (D2502)	<u>Elective I</u> . Compiler Design (D5804)	Digital Image processing (D6902)
25-10-2012 Wednesday	<u>Electives 1</u> . Mobile Computing	<u>Electives 2</u> . Ad hoc and Sensor Networks	<u>Electives 1</u> . Adhoc and Sensor Networks (E4)	<u>Electives 1</u> . Mobile Computing	<u>Electives 1</u> . Mobile Computing

	(D5805)	(D4006) 4.Soft Computing (D4007)	(D4006) 2.Software Architecture Design pattern (D2504) 4.Software Architecture and process Management (D2505)	(D5805)	(D5805) 4.Ad hoc and Sensor Networks (D4006) 3.Speech Processing (D6903)
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29-10-2012 Friday	<u>Electives 2.</u> Secure Database Applications Development (D5810) 3.Middleware and Enterprise Integration Technology (D5811) 4.Image processing and pattern Recognition (D5812)	<u>Electives 1.</u> Distributed Computing (D4008) 3.Information Retrieval (D4010)	<u>Electives 1.</u> Information Storage and Management (D2503) (E) 4.Middleware and Enterprise Integration Technologies (D5811)	<u>Electives</u> 2.Secured Database Applications Development (D5810) 3.Middleware and Enterprise Integration Technologies (D5811) 4.Image Processing and pattern recognition (D5812)	<u>Electives</u> 3.Fault Tolerant Systems (D6904) 4.Patern Recognition (D6905)
31-10-2012 Monday	Computer Networks (D5802)	Parallel Computing & Algorithms (D4002)	--	Computer Networks (D5802)	--
02-11-2012 Wednesday	<u>Elective 4.</u> Human Computer Interaction (D5808)	<u>Elective</u> Computational Geometry (D4005)	<u>Elective 3.</u> Human computer Interaction (D5808)	<u>Elective 4.</u> Human Computer Interaction (D5808)	<u>Elective</u> Computational Geometry (D4005)
05-11-2012 Friday	3.Web Technologies (D5807)	<u>Elective</u> Multimedia and Application Development (D4011)	<u>Elective</u> Multimedia and application Development (D4011)	Web Technologies (D5807)	<u>Elective</u> : Multimedia and Application Development (D4011)
07-11-2012 Monday	Bio-Informatics (D5806)	Bio-Informatics (D5806)	Bio-Informatics (D5806)	Bio-Informatics (D5806)	E-2 Bio-Informatics (D5806)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA- 533003
M.Tech II Semester Regular Examinations (R09 Regulations), October,2012
T I M E T A B L E

Time: 10:00AM to 01:00 PM

TIME TABLE FOR ELECTRICAL & ELECTRONICS ENGINEERING					
Date & Day	Power& industrial Drives	Power Electronics	Power System Control & Automation / Power Systems	Power Systems with emphasis on HV Engineering	Power Electronics& Electric Drives
15-10-2012 Monday	Switched Mode Power conversion (D4301)	Switched Mode Power conversion (D4301)	Power System Dynamics and Stability (D5301)	High Voltage Testing Technology (D5601)	Switched Mode Power Conversion (D4301)
17-10-2012 Wednesday	Power Electronics Control of AC Drives (D4302)	Power Electronics Control of AC Drives (D4302)	FACTS Controllers (D5302)	EHV and HVAC Transmission (D5602)	Power Electronics Control of AC Drives (D4302)
19-10-2012 Friday	Flexible AC Transmission Systems (D4303)	Flexible AC Transmission Systems (D4303)	Real Time control of Power System (D5303)	Surge Phenomenon & Insulation Coordination (D5603)	Flexible AC Transmission Systems (D4303)
23-10-2012 Monday	Digital Signal Processing and Applications (D4304)	Digital Signal Processing and Applications (D4304)	Advanced Power System Protection (D5604)	Advanced Power System Protection (D5604)	Digital Signal Processing and Applications (D4304)

25-10-2012 Wednesday	<u>Electives 1</u> .Digital control Systems (D4305) 2.Intelligent Control (D4306)	<u>Electives 1</u> .Digital control Systems (D4305) 2.Intelligent Control (D4306)	<u>Electives 1</u> .Digital Control Systems (D4305) 2.Power System Reliability (D5304) 3.PLC Controllers and its Applications (D5606)	<u>Electives 1</u> .Partial Discharge in HV Equipment (D5605) 2.PLC Controllers and its Applications (D5606) 3.Power Systems Transients (D5607)	<u>Electives 1</u> .Digital Control Systems (D4305) 2.Intelligent Control (D4306)
29-10-2012 Friday	<u>Electives 1</u> .Power Quality Management (D4307) 2.Energy Auditing Conservation and Management (D4308)	<u>Electives 1</u> .Power Quality Management (D4307) 2.Energy Auditing Conservation and Management (D4308)	<u>Electives 1</u> .Voltage Stability (D5305) 2.Power System Deregulation (D5306) 3.Demandside Energy Management (D5307)	<u>Electives 1</u> .Collision Phenomena (D5608) 2.Pulse Power Engineering (D5609) 3.Advance EM Fields (D5610)	<u>Electives 1</u> .Power Quality Management (D4307) 2.Energy Auditing, Conservation and Management (D4308)

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A.m.prasad

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Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA

EXAMINATION BRANCH :: KAKINADA – 500 033

M.Tech II semester 10 Regulations – (10 Admitted Batch only) Regular Examinations – October, 2012

T I M E T A B L E

Time: 10.00 AM to 1.00 PM

BRANCHES/ Specializations	15-10-2012 Monday	17-10-2012 Wednesday	19-10-2012 Friday	23-10-2012 Monday	25-10-2012 Wednesday	29-10-2012 Friday	31-10-2012 Monday
CIVIL TRANSPOTATI ON ENGINEERING	Aviation Infrastructure Planning	Project Engineering	Pavement Management System	Urban Transport Planning	GIS for Transportation Engineering	<u>Elective: I</u> 1.Design and Management of Rural Roads 2.Rail Road Engineering 3.Geometric Design of Transportation facilities	--
MECHANICA L THERMAL ENGINEERING	Fuels, Combustion & Environment (TE201)	Energy Management (TE202)	Finite Element Analysis (TE203)	Computational Fluid Dynamics (TE204)	<u>Elective I</u> 1.Equipment Design for Thermal systems (TE205) 2.Convective Heat Transfer (TE206) 3.Thermal & Nuclear Power Plant (TE207)	<u>Elective II</u> 1.Thermal Measurement and process controls (TE208) 2.Refrigeration & Air Conditioning (TE209) 3.Jet Propulsion & Rocketry (TE210)	--

BIO TECHNOLOGY (03-B.T.)	Recombinant DNA Technology MBI0201	Bio separation Technology MBI0202	Bioinformati cs, Genomics & Proteomics MBI0203	Bioreactor design MBI0204	<u>Elective-I</u> 1.Stem cell Technology Plant biotechnology MBI0205	<u>Elective-II</u> 1.Regulatory affairs and clinical trails /Cancer biology MBI0206	--
ECE MICROWAVE & COMMUNICATIO N ENGINEERING	Wireless Communicati on & Networks MCE10202	Solid State Microwave Devices & Circuits MCE10201	Microwave Networks and Measurement s MCE10203	EMI/ EMC MCE10204	<u>Elective I</u> 1.Microstrip Components & Micro strip Antennas MCE10205 2.Software Radio MCE10206	<u>Elective II</u> 1.Transform Techniques MCE10207 2.Selected Topics in antennas MCE10208	--
CSE COMPUTER NETWORKS AND INFORMATION SECURITY	Wireless Networks and Security CNIS210	<u>Elective II</u> 4.Informatio n Security, Managemen t and Standards CNIS264	Information Security protecting the Perimeter CNIS230	Service Oriented Architecture with Cloud Computing CNIS240	<u>Elective I</u> 1.Distributed Systems CNIS251 2.Web Services CNIS252 4. Adhoc and Sensor Networks CNIS254 <u>Elective II</u> 3.Mobile Computing CNIS263	<u>Elective II</u> 1.Network Management and Performance Evaluation CNIS261 2.Information Retrieval System CNIS262 <u>Elective I</u> 3.Secured Database Application Development CNIS253	Linux Networking and System Administrator CNIS220

CSE COMPUTER NETWORKS (88)	System Modeling And Simulation (C8811)	Stochastic Models And Applications (C8812)	Client-Server Programming (C8813)	Optical Networks (C8814)	Switching & Statistical Multiplexing In Telecommunications (C8815)	Distributed Systems (C8816)	
ECE COMMUNICATION AND SYSTEM PROCESSING (C&SP) (80)	Wireless Communications & Networks (D8011)	Fiber Optical Communication System (D8012)	Dsp Processors And Architecture (D3803)	Advanced Digital Signal Processing (D8013)		(Elective-IV) 1.Embedded System Concepts (D8015) 2.Image Processing (D8016)	(Elective-III) 1.Computer Networks (D5802) 2.Neural Networks And Applications (D8014)
COMTROL SYSTEMS (95)	Robotics and Control (C9521)	Non-Linear Systems Analysis (C9522)	Advanced Digital Signal Processing (C9523)	Optimal Control Theory (C9524)	Elective-III 1. A I Techniques (C9525) 2. Embedded Real Time Operating System EMS (C9526)	Elective-IV 1. Renewable Energy Sources (C9527) 2. Power Quality Management (D4307)	
NANO TECHNOLOGY (96)	Material characterizati on techniques (D9621)	Properties of nano structures (D9622)	Nano Electronics And Nano Photonics (D9623)	Carbon nanotubes and applications (D9624)	Nano composites-Design and synthesis (D9625)	Elective-II 1. MEMS/NEMS design and application (D9626) 2. Lithography techniques (D9627)	

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