

**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 (D8701)	Genetic Engineering (D0301)	Multicomponent Mass Transfer (D5101)
17-10-2012 Wednesday	Mechanical Vibrations (D1501)	Computer Graphics (D0402)	GIS in Transportation Engineering (D7302)	Computer Applications and CAD (D8701)	Enzyme Engineering (D0302)	Computational fluid Dynamics (D5102)
19-10-2012 Friday	Robotics (D0403)	Robotics (D0403)	Pavement construction and management (D7303)	Stability of Structures (D8703)	Environmental Biotechnology (D0303)	Advanced Process Control (D5103)
23-10-2012 Tuesday	Experimental Stress Analysis (D1502)	CNC Technology & programming (D0404)	Urban transportation planning (D7304)	Structural Dynamics and Earthquake Resistant Design (D8704)	Industrial Biotech products (D0304)	Optimization Techniques in Chemical Engineering (D5104)

25-10-2012 Thursday	<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</u> .1Advanced 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(D8705) 2. Composite Materials(D8706) 3.Fracture Mechanics (D8707)	<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 (D5105) 2.Chemical Process Safety (D5106) 3.Advanced Petroleum Refining Process (D5107)
29-10-2012 Monday	<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(D8708) 2. Principle of Bridge Engineering (D8709) 3.Principles of foundation Engineering (D8710)	---	--
31-10-2012 Wednesday	-	<u>Elective I</u> 1.Mechanics of Metal Cutting and Tool Design (D0405)	--	--	--	--

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Date: 25-09-2012

A.m.prasad
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 Tuesday	<u>Electives</u> 2.System Modeling & simulation (D3806)	<u>Elective:</u> 2.Systemd 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 Thursday	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 Monday	<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 Wednesday	<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 Friday	<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 Monday	--	--	--	--	--	2.Image and Video Processing (D7002)	--	Image and Video Processing (D7002)

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Date: 25-09-2012

A.m.prasad
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 Tuesday	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 Thursday	<u>Electives</u> 1.Mobile Computing (D5805)	<u>Electives</u> 2.Ad hoc and Sensor Networks (D4006) 4.Soft Computing (D4007)	<u>Electives</u> 1.Adhoc and Sensor Networks (E4) (D4006) 2.Software Architecture Design pattern (D2504) 4.Software Architecture and process Management (D2505)	<u>Electives</u> 1.Mobile Computing (D5805)	<u>Electives</u> 1.Mobile Computing (D5805) 4.Ad hoc and Sensor Networks (D4006) 3.Speech Processing (D6903)

29-10-2012 Monday	<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 Wednesday	Computer Networks (D5802)	Parallel Computing & Algorithms (D4002)	--	Computer Networks (D5802)	--
02-11-2012 Friday	<u>Elective 4.</u> Human Computer Interaction (D5808)	<u>Elective Computational</u> 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 Monday	3.Web Technologies (D5807)	<u>Elective Multimedia and</u> Application Development (D4011)	<u>Elective Multimedia and</u> application Development (D4011)	Web Technologies (D5807)	<u>Elective : Multimedia</u> and Application Development (D4011)
07-11-2012 Wednesday	Bio-Informatics (D5806)	Bio-Informatics (D5806)	Bio-Informatics (D5806)	Bio-Informatics (D5806)	E-2 Bio-Informatics (D5806)

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A.m.prasad

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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)	---	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 Tuesday	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 Thursday	<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 Monday	<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.Demand side 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)
31-10-2012 Wednesday	--	--	FACTS Controllers (D5302)	--	--

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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 Tuesday	25-10-2012 Thursday	29-10-2012 Monday	31-10-2012 Wednesday
CIVIL TRANSPORTATION ENGINEERING (22)	Aviation Infrastructure Planning (D2201)	Project Engineering (D2202)	Pavement Management System (D2203)	Urban Transport Planning (D2204)	GIS for Transportation Engineering (D2205)	<u>Elective: I</u> 1.Design and Management of Rural Roads(D2206) 2.Rail Road Engineering(D2207) 3.Geometric Design of Transportation facilities(D2208)	--
MECHANICAL THERMAL ENGINEERING (21)	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)	Recombinant DNA Technology (F0301)	Bio separation Technology (F0302)	Bioinformati cs, Genomics & Proteomics (F0303)	Bioreactor design (F0304)	<u>Elective-I</u> 1.Stem cell Technology (F0305)/ Plant biotechnology (F0306)	<u>Elective-II</u> 1.Regulatory affairs and clinical trails (F0307) /Cancer biology (F0308)	--
ECE MICROWAVE & COMMUNICATIO N ENGINEERING (82)	Wireless Communicati on & Networks (D3801)	Solid State Microwave Devices & Circuits (D8201)	Microwave Networks and Measurement s (D8202)	EMI/ EMC (D8203)	<u>Elective I</u> 1.Microstrip Components & Micro strip Antennas (D8204) 2.Software Radio (D8205)	<u>Elective II</u> 1.Transform Techniques (D8206) 2.Selected Topics in antennas (D8207)	--
CSE COMPUTER NETWORKS AND INFORMATION SECURITY (84)	Wireless Networks and Security (D8401)	<u>Elective II</u> 4.Informatio n Security, Managemen t and Standards (D8411)	Information Security protecting the Perimeter (D8403)	Service Oriented Architecture with Cloud Computing (D8404)	<u>Elective I</u> 1.Distributed Systems (D8405) 2.Web Services (D8406) 4. Adhoc and Sensor Networks (D4006) <u>Elective II</u> 3.Mobile Computing (D8410)	<u>Elective II</u> 1.Network Management and Performance Evaluation (D8408) 2.Information Retrieval System (D8409) <u>Elective I</u> 3.Secured Database Application Development (D5810)	Linux Networking and System Administrator (D8402)

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 characterization 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)	

Power Electronics and Power Systems (99)	Switched Mode Power conversion (D4301)	Power Electronics Control of AC Drives (D4302)	Elective-IV 1. Real Time control of Power System (D5303)	Advanced Power System Protection (D5604)	<u>Electives III</u> 1. Digital control Systems (D4305) 2. PLC Controllers and its Applications (D5606)	Elective-IV 2. Power System Deregulation (D5306) 3. Demandside Energy Management (D5307)	FACTS Controllers (D5302)
ELECTRICAL MACHINES & DRIVES (44)	Switched Mode Power conversion (D4301)	Power Electronics Control of AC Drives (D4302)	Flexible AC Transmission Systems (D4303)	Digital Signal Processing and Applications (D4304)	<u>Electives III</u> 1. Digital Control Systems (D4305) 2. Intelligent Control (D4306)	<u>Electives IV</u> 1. Power Quality Management (D4307) 2. Energy Auditing, Conservation and Management (D4308)	--

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A.m.pranad
Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

EXAMINATION BRANCH

M.TECH II SEMESTER (2011 ADMITTED BATCHES ONLY)– Regular EXAMINATIONS- October,2012

TIME TABLE

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 Tuesday	25-10-2012 Thursday	29-10-2012 Monday
BIO TECHNOLOGY (03)	Recombinant DNA Technology (F0301)	Bio separation Technology (F0302)	Bioinformatics, Genomics & Proteomics (F0303)	Bioreactor design (F0304)	<u>Elective-I</u> 1.Stem cell Technology (F0305)/ Plant biotechnology (F0306)	<u>Elective-II</u> 1.Regulatory affairs and clinical trails (F0307) /Cancer biology (F0308)
FOOD PROCESS TECHNOLOG Y (78)	Food Process Engineering-II (D7821)	Plantation, Crops, Spices & Condiment Technology (Herbs, Plantation crops, Spices & Condiments) (D7822)	Plant Design & Economics (D7823)	Novel Food Packaging Technology (D7824)	Food Standards & Regulations (D7825)	<u>Elective-II</u> 1. Marketing, Distribution & Logistics (D7826) 2. Post Harvest Technology & Cold Chain Management (D7827) 3. Beverage & Snack Food Technology (D7828) 4. Bakery & Confectionary Technology (D7829)
AVIONICS (97)	Aircraft System Engineering (D9721)	Flight Instrumentation & Flight Management System (D9722)	Embedded System Design (D9723)	Aircraft Surveillance Systems (D9724)	<u>Elective III</u> 1.Electro optics (D9725) 2.Aircraft Propulsion and Utility Systems (D9726)	<u>Elective IV</u> 1.Fault Tolerant Systems (D9727) 2. Mathematical Modeling & Simulation (D9728)

SPACIAL INFORMATIO NTECHNOLO GY (32)	GIS Analysis & Applications (D3221)	GNSS Surveying (D3222)	Remote Sensing and GIS for Natural Resources Management (D3223)	Internet GIS (D3224)	Database Management Systems (D3225)	Elective from Unassigned Course List (D3226)
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