JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA EXAMINATION BRANCH: KAKINADA – 533 003

M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April/May, 2013 T I M E T A B L E

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
CIVIL STRUCTURAL	Advanced Applied Mathematics	Lilectrosty and	Matrix Analysis of Structures	Theory and Plates and Shells	Elective-I Experimental Stress Analysis Foundation	Elective-II Advanced Concrete Technology (C8708)	Nonuay	Weuliesday	Filday
ENGINEERING (87)	Mathematics (C8701)	(C8702)			Engineering-I (C8706)	Offshore Construction			
	(00701)		(C8703)	(C8704)	Optimization in Structural Design	Plastic Analysis and Design (C8710)			
CIVIL TRANSPORTATION ENGINEERNING (22)	Applied Numerical Methods (C2201)	Pavement Materials and Construction (C2202)	Traffic Engineering (C7303)	Design and Evaluation of Pavements (C2203)	Optimization Techniques (C2204)	Elective -I Transportation Structures Ground Improvement Techniques (C7308) Environmental Impact Assessment			
CIVIL GEOINFORMATI CS (74)	Principles of Photogramme try (D74101)	Fundamentals of Rs (D74102)	Fundamentals of Gis (D74103)	Principles of Dip (D74104)	Elective-1 Fundamentals of Surveying,Carto graphy And Geodesy (D74105) Introduction to Computational Intelligence (D74106) Gps Concepts & Applications (D74107)				

BRANCHES/	15.04.2013	17.04.2013	20.04.2013	22.04.2013	24.04.2013	26.04.2013	29.04.2013	01.05.2013	03.05.2013
Specializations	Monday	Wednesday	Saturday	Monday	Wednesday	Friday	Monday	Wednesday	Friday
CIVIL SOIL MECHANICS & FOUNDATION (19)	Adv. Applied Mathematics (C8701)	Foundation Engg-I (D19101)	Advanced Soil Mechanics (D19102)	Ground Improvement Techniques (C7308)	Elective-I Earth Retaining Structures (D19103) Soil- Foundation Interaction (D19104) Critical State Soil Mechanics (D19105)	Elective-II Rock Mechanics (D19106) Earth Dams (D19107) Remote Sensing And Geographical Information Systems (D19108)			

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M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April/May, 2013 T I M E T A B L E

BRANCHES/	15.04.2013	17.04.2013	20.04.2013	22.04.2013	24.04.2013	26.04.2013	29.04.2013	01.05.2013	03.05.2013
Specializations	Monday	Wednesday	Saturday	Monday	Wednesday	Friday	Monday	Wednesday	Friday
					Elective – I Non Destructive Evaluation (C0408)	Elective – II Design for Manufacturing (C0409)			
MECHANICAL CAD/CAM	Advances in Manufacturin g Technology	Computer Integrated Manufacturing	Geometric Modeling	Finite Element Methods	Computational Methods (C0406)	Computer Aided Process Planning (C0410)			
(04)	(C0404)	(C0402)	(C0403)	(C0401)	Nano- Technology (C0405)	Mechatronics			
					Quality Engg. & Manufacturing (C0407)	Fracture Fatigue & Creep Deformation (C0412)			
MEGHANIGAL	A11	Advanced			Elective – I Continuum Mechanics & Tensor Analysis	Elective – II Fracture, Fatigue & Creep deformation (C0412)			
MECHANICAL MACHINE DESIGN (15)	Advanced Mechanisms (C1501)	Mechanisms of Solids (C1502)	Geometric Modeling (C0403)	Finite Element Methods (C0401)	Computational Methods (C0406) Tribology (C1504) Non Destructive Evaluation (C0408)	Materials Technology (C1505) Gear Engineering Design for Manufacturing (C0409)			

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
MECHANICAL					Turbo- Machines	Advanced I.C. Engines			
THERMAL ENGINEERING (21)	Optimization Techniques & Applications (C2101)	Advanced Thermodynami cs (C2102)	Advanced Heat & Mass Transfer (C2103)	Advanced Fluid Mechanics (C2104)	Cryogenics Engineering	Non- Conventional Energy Sources (C2109)			
					Solar Energy Technology (C2107)	Material Science			
ADVANCED	Manufacturin g Automation		Optimization Techniques &	Advances In	Elective-I Concurrent Engg (D17103)	Design For Manufacture (C0409)	Elective-II Quality Eng In Manufacturin g (D17106)		
MANUFACTURIN G SYSTEMS (17)	& CIM (D17101)		Applications (C2101)	Cnc Technologies (D17102)	Theory Of Metal Cutting (D17104)		Precision Engg (D17107)		
					Advanced Tool Design (D17105)		Cad Theory And Practice (D17108)		
NANO TECHNOLOGY (96)	Structure, Bonding and Quantum mechanics of electronics (D9611)	Synthesis of Nanomaterial s (D9612)	Science and technology of Thin-film (D9613)	Nano Biotechnolog y, materials and devices (D9614)	Numerical methods and Advanced Computing Techniques (D9615)	Elective – I Nanotechnol ogy for energy systems (D9616) Surface sciences and advanced catalysis (D9617) Thermodynam ics (D9618)			

BRANCHES/	15.04.2013	17.04.2013	20.04.2013	22.04.2013	24.04.2013	26.04.2013	29.04.2013	01.05.2013	03.05.2013
Specializations	Monday	Wednesday	Saturday	Monday	Wednesday	Friday	Monday	Wednesday	Friday
AEROSPACE ENGINEERING	Mathematic al Modeling (D41101)	Engineering Analysis of Flight Vehicles (D41102)	Continuum Mechanics (D41103)	Air Transportatio n Systems (D41104)	Elective-I Fundamental s of Aerospace Engineering (D41105) Aerodynamic s of flight Vehicles (D41106) Flight Vehicle Structures (D41107) Air-breathing Propulsion (D41108) Aircraft Systems (D41109)	Elective-II Modeling and Simulation of Fluid flows (D41110) Computation al Structural analysis (D41111) Flight Navigation and surveillance Systems (D41112) Airlines Operations and Scheduling (D41113) Rotorcraft Aerodynamic s (D41114)			

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA EXAMINATION BRANCH: KAKINADA – 533 003

M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April/May, 2013 T I M E T A B L E

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
C S E NEURAL NETWORKS (69)	Data structures and Algorithm Analysis (C5801)	Artificial Neural Networks (C6901)	Computer Organization and Architecture (C5803)	Database Management Systems (C5804)	Operating Systems	Artificial Intelligence and Soft Computing (C6902)			
C S E SOFTWARE ENGINEERING (25)	Advanced Data Structures and Algorithms (C4001)	ERP & Supply Chain Management (C2501)	Software Quality Assurance & Testing (C2502)	Software Requirement & Estimation (C2503)	Mobile Computing (C2504)	Elective – 1 Business Process Modeling	Web Technologies (C2506)		
CSE COMPUTE	Advanced	Analiad	Distributed Architectures &	Penetration	Software Architecture and Process Management	Embedded Systems and Real Time Systems Date Warehousing and Mining (C8410)	Web		
NETWORKS AND INFORMATION SECURITY (84)	Networking Concepts (C8401)	Applied Cryptography (C8402)	Middleware Technologies (C8403)	testing and Network Defense (C8404)	Multimedia & Application Development	Advanced Databases	Technologies (C8405)		
					Computer Forensics and Investigations (C8408)	Grid and Cluster Computing (C8412)			

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
CSE COMPUTE NETWORKS (88)	Network Programming (C8801)	Network Security (C8802)	Computer communication (C8803)	Internetworkin g with TCP/IP (C8804)	Mobile Computing (C2504)	Wireless Communicatio ns and Networks (C8805)			
C S E COMPUTER SCIENCE ENGG / COMPUTURE SCIENCE/COMPU TER SCIENCE TECHNOLOGY (05, 58 & 59)	Data Structures and Algorithm Analysis (C5801)	Mathematical Foundation of Computer Science (C5802)	Computer Organization and Architecture (C5803)	Database Management Systems (C5804)	Operating Systems (C5805)	Object Oriented Programming (C5806)			
C S E INFORMATION TECHNOLOGY (40)	Advanced Data Structures and Algorithms (C4001)	Scalable Parallel Computing Architectures (C4002)	Distributed Operating Systems (C4003)	Data Mining and Knowledge Discovery (C4004)	Code Optimization (C4005)	Secured Database Application Development (C4006)			

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA EXAMINATION BRANCH: KAKINADA – 500 033

M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April/May, 2013 T I M E T A B L E

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
E C E DECS (38)	Elective – I Advanced Digital Signal Processing (C3805)	VLSI Technology and Design (C3802)	Digital Data Communicatio n (C3803)	Elective – II Embedded & Real Time Systems (C3807) Coding Theory & Practice (C3808)	Digital System Design (C3801)	Detection & Estimation of Signals (C3804)	Elective-I Transform Techniques (C3806)		
E C E DIGITAL IMAGE PROCESSING (63)	Advanced Digital Signal Processing (C3805)	Elective – II VLSI Technology and Design (C3802)	Elective – I Digital Data Communicatio ns (C3803) Embedded Software Design	Coding Theory and Practice (C3808)	Image Processing (C6301)	Elective – II Networks Security and Cryptography (C6304)	Transform Techniques (C3806)	Elective – I Neural Network & Applications (C6302)	Elective – II Hardware Software Co- Design
E C E DSCE (06)		VLSI Technology & Design (C3802)	Elective – I Digital Data Commutations (C3803) Neural Networks & Fuzzy Systems	Elective – II Embedded & Real Time Systems (C3807)	Digital System Design (C3801)	Elective – II Networks Security and Cryptography	Advanced Computer Architecture (C0602)		Advanced Operating System (C0601)
E C E ECE (70)	Elective – I Advanced Digital Signal Processing	VLSI Technology & Design (C3802)	Digital Data Communicatio ns (C3803)	Elective – II Embedded & Real Time Systems	Statistical Signal Processing (C7001)	Detection & Estimation of Signals (C3804)	Elective – I Transform Techniques (C3806)		

	(C3805)			(C3807)					
BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	Coding Theory & Practice (C3808) 22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
E C E ES (55)	Embedded Systems Concepts (C5501)	VLSI Technology and Design (C3802)	Elective – I Embedded Software Design (C6303)	Elective – II Embedded & Real Time Systems (C3807)	Wearestay	Elective – I VHDL Modeling of Digital Systems (C5504)	Embedded Systems Design (C5502)	Analog and Digital IC Design (C5503)	Elective – II Hardware Software Co- Design (C6305)
E C E SSP (45)	Elective – I Advanced Digital Signal Processing	VLSI Technology and Design (C3802)	Digital Data Communicatio n (C3803)	Coding Theory and Practice (C3808)	Statistical Signal Processing (C7001)	Elective – II Image and Video Processing	Elective – I Transform Techniques (C3806)	Elective – II Neural Networks and Applications (C6302)	
E C E VLSI & ES/ES & VLSI (68/81)	Embedded Systems Concepts (C5501)	VLSI Technology and Design (C3802)	Elective – I Embedded Software Design (C6303)		Elective – I Digital System Design	Elective – II VHDL Modeling of Digital Systems (C5504)	Embedded Systems Design (C5502)	Analog And Digital IC Design (C5503)	Elective – II Hardware Software Co- Design (C6305)
E C E VLSID & VLSD/VLSI (72 & 57)	Embedded Systems Concepts (C5501)	VLSI Technology and Design (C3802)	Elective – I Digital Data Communicatio ns (C3803)		Digital System Design (C3801)	Elective – I VHDL Modeling of Digital Systems (C5504)	Elective – II Electronic Design Automation Tools (C5701) Embedded Systems Design (C5502)	Analog and Digital IC Design (C5503)	
E C E MICROWAVE & COMMUNICATION ENGINEERING (82)	Time- Harmonic Electromagne tic Fields (C8201)	Fiber Optic Components, Devices & Measurements (C8202)	Optical Communicatio n & Networks (C8203)	Elective-II Coding Theory and Practice (C3808)	Elective-I Planer Transmission Lines & Microwave Integrated circuits Advanced Digital Communicati on	Elective-II RF Circuit Design	Antenna arrays and Synthesis (C8204)		

					(C8206)				
BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
COMMUNICATIO N ENGG & SIGNAL PROCESSING (46)	Advanced Digital Signal Processing (D46103)	Internet Working (D46102)	Advanced Data Communicati ons (D46101)	Image & Video Processing (D46104)	Elective-II Voice Over Internet Protocol (D46108) Satellite Communica tions (D46109) Radar Signal Processing (D46110)	Elective-I Detection And Estimation Theory (D46105) CPLD & FPGA Architectures And Applications (D46106) RF Circuit Design (D46107)			
COMMUNICATIO N AND SIGNAL PROCESSING (80)	Digital Signal Processing (D8003)	Elective – II VLSI Technology & Design (C3802)	Digital Data Communicati ons	Coding Theory and Practice (C3808)	Elective – I Radar Signal Processing	Elective – II Micro Controller Application S	Elective – I Transform Techniques (C3806)	Communic ation Theory	

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA EXAMINATION BRANCH: KAKINADA – 500 033

M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April/May, 2013 T I M E T A B L E

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
E E E POWER	Electrical Machine Modeling and	ne Power	Power Electronic	Microcontrolle r &	Elective – I Modern Control Theory (C4305)	Elective – II Special Machines and Controls (C4307)		Power Electronic Control of DC	
ELECTRONICS (43)	Analysis (C4301)	Converters (C4302)		Applications (C4304)	Power Semiconduct or Devices & Protection (C4306)	Renewable Energy Sources (C4308)		Drives (C4303)	
E E E POWER ELECTRONICS	POWER BLECTRONICS Machine Pow Modeling and Blectre	Analysis of Power Electronic	Power	Microcontrolle r &	Elective – I Modern Control Theory (C4305)	Elective – II Special Machines and Controls (C4307)		Power Electronic Control of DC Drives (C4303)	
AND DRIVES (43)	Analysis (C4301)	Converters (C4302)		Applications (C4304)	Power Semiconduct or Devices & Protection (C4306)	Renewable Energy Sources (C4308)			
E E E POWER	Electrical Machine	Analysis of Power		Microcontrolle	Elective – I Modern Control Theory (C4305)	Elective – II Special Machines and Controls (C4307)		Power Electronic	
ELECTRONICS AND ELECTRI DRIVES (54)	Modeling and Analysis (C4301)	Electronic Converters (C4302)		Applications (C4304)	Power Semiconduct or Devices & Protection (C4306)	Renewable Energy Sources (C4308)		Control of DC Drives (C4303)	

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
E E E POWER AND INDUSTRIAL DRIVES (42)	Electrical Machine Modeling and Analysis (C4301)	Analysis of Power Electronic Converters (C4302)		Microcontrolle r and Applications (C4304)	Elective – I Modern Control Theory (C4305) Power Semiconduct or Devices & Protection (C4306)	Elective – II Special Machines and Controls (C4307) Renewable Energy Sources (C4308)		Power Electronic Control of DC Drives (C4303)	
ELECTRICAL & POWER ENGG (60)	Power System Dynamics (D60101)	Elective-II Analysis Of Power Electronic ConverteRS (D60106) Energy Conversion Systems (D60107) Extra High Voltage Transmission (D60108)			Modern Control Theory (C4305)		Elective-I High Voltage Eng & Insulation Co- Ordination (D60103) Voltage Stability (D60104) Operation Research (D60105)	Hvdc Transmission (C5603)	Microproce ssors & Microcontr ollers (D6012)

BRANCHES/ Specializations	15.04.2013 Monday	17.04.2013 Wednesday	20.04.2013 Saturday	22.04.2013 Monday	24.04.2013 Wednesday	26.04.2013 Friday	29.04.2013 Monday	01.05.2013 Wednesday	03.05.2013 Friday
E E E POWER SYSTEMS WITH EMPHASIS ON HV ENGG		High Voltage Power Apparatus and Diagnostics (C5604)	1-	Elective – II Reactive Power Compensation & Management (C5609)	Elective – I High Voltage Systems using EMTP Analysis (C5605)	Dielectric and Insulation Engineering (C5602)	Generation and Measurement of High Voltages (C5601)	HVDC Transmission s (C5603)	Elective – II Microprocess ors & Microcontroll ers
POWER ELECTRONICS AND POWER SYSTEMS (99)	Power System Operation and Control	Analysis of Power Electronic Converters	Electrical Distribution System	Reactive Power Compensation & Management		Special Machines and Controls		Power Electronic Control of DC Drives	
E E E POWER SYSTEMS (56)	Power System Operation and Control (C5201)		Elective – I Electrical Distribution System (C5202)	Reactive Power Compensation & Management (C5609)	Elective – II AI Techniques (C5606) Power system Security Advanced DSP		Elective – I EHVAC Transmission s (C5203) Power Quality (C5204)	HVDC Transmission s	Microprocess ors & Microcontroll ers (C5608)
E E E P.S. CONTROL AND AUTOMATION (53)	Power System Operation and Control (C5201)		Elective – I Electrical Distribution System (C5202)	Reactive Power Compensation & Management (C5609)	Elective – II AI Techniques (C5606) Power system Security Advanced DSP (C5607)		Elective – I EHVAC Transmission s (C5203) Power Quality	HVDC Transmission s (C5603)	Microprocess ors & Microcontroll ers (C5608)
E E E ELECTRICAL MACHINES AND DRIVES (44)	Electrical Machine Modeling and Analysis (C4301)	Analysis of Power Electronic Converters (C4302)		Microcontrolle r & Applications (C4304)	Elective – I Modern Control Theory (C4305) Power Semiconduct or Devices & Protection	Elective – II Special Machines and Controls Renewable Energy Sources		Power Electronic Control of DC Drives (C4303)	

BRANCHES/	15.04.2013	17.04.2013	20.04.2013	22.04.2013	24.04.2013	26.04.2013	29.04.2013	01.05.2013	03.05.2013
Specializations	Monday	Wednesday	Saturday	Monday	Wednesday	Friday	Monday	Wednesday	Friday
CHEMICAL ENGINEERING (51)	Applied Numerical Methods	Advanced Chemical Reaction Engg (C5104)	Advanced Transport Phenomena	Advanced Bio Process Engineering Enzyme and Microbial Technology Industrial Microbial Products	Nano- Technology				
CONTROL SYSTEMS (95)	Advanced Control theory (C9510)	Digital Control Systems (C9511)	Random Variable Stochastic Process (C9512)	Micro Controller & Applications (C9513)	Elective – I Computer Controlled Systems Control of Special Machines (C9515)	Elective – II System Identifications and Parameter Estimations Computation Techniques and Optimization (C9517)			
BIO TECHNOLOGY (03-B.T.)	Advanced Micro Biology	Advanced Bio- Chemistry	Advanced Bio-Chemical Engineering	Advanced Downstream Processing	Bio- Analytical Techniques Bio- Informatics				

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA EXAMINATION BRANCH :: KAKINADA – 500 033

M.Tech I semester 10 Regulations – (10 Admitted Batches onwards) Regular/Supple Examinations – April/May, 2013 T I M E T A B L E

Time: 10.00 AM to 1.00 PM

BRANCHES/	15.04.2013	17.04.2013	20.04.2013	22.04.2013	24.04.2013	26.04.2013	29.04.2013	01.05.2013	03.05.2013
Specializations	Monday	Wednesday	Saturday	Monday	Wednesday	Friday	Monday	Wednesday	Friday
BIO TECHNOLOGY (03-B.T.)	Microbial Technology (E0301)	Metabolic Engineering (E0302)	Bioprocess Engineering (E0303)	Enzyme Engineering & Fermentation Technology (E0304)	Elective-I Molecular Fundamentals of Biology (E0305) Chemical Plant & Equipment Design	Elective-II Immuno technology (E0307) Nano Biotechnology			

NOTE: (i) If Government declares holiday on any of the above dates, the examinations will be conducted as usual

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