

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
EXAMINATION BRANCH :: KAKINADA – 500 033
M.Tech I Sem. (08 Admitted Batches only) Supplementary Examinations Apri,2012
T I M E T A B L E

Time: 10.00 AM to 1.00 PM

BRANCHES/ Specializations	16.04.2012 Monday	18.04.2012 Wednesday	20.04.2012 Friday	23.04.2012 Monday	25.04.2012 Wednesday	27.04.2012 Friday	30.04.2012 Monday	02.05.2012 Wednesday	04.05.2012 Friday
CIVIL (73)	Industrial Structures	Remote Sensing & GIS in Civil Engineering	Urban Hydrology Storm Drainage and Management	Geo-Technique for Infrastructures	Urban Transport Alternative	Sea and inland port infrastructures	--	--	--
MECHANICAL CAD/CAM (04)	Numerical Methods for partial differential Equation	Computer Aided Design	Stress Analysis & Vibration	Finite Element Methods	Design Optimization	Elective – I Design for Manufacturing	--	--	--
						Mechatronics			
						Manufacturing Methods & Mechanics of Composites			
MECHANICAL MACHINE DESIGN (15)	Advanced Mechanics	Advanced Mechanics of Solids	Creep, Fatigue & Fracture Mechanics	Finite Element Methods	Computational Methods	Elective-I Pressure Vessel Design	--	---	---
						Mechanics of Composite Materials			
						Theory of Plasticity			
C S E COMPUTER SCIENCE ENGG. & COMPUTER SCIENCE (58) & (05)	Design & Analysis of algorithms	Computer Communications	Computer Organization	Database Management Systems	Operating systems	Software Engineering	--	--	--
C S E INFORMATION TECHNOLOGY (40)	Middle Ware Technologies	Network Programming	S/W Project Management	Data ware housing & Mining	Network Security & Cryptography	Web Technologies	--	--	--

C S E NEURAL NETWORKS (69)	Design & Analysis of algorithms	Computer Communication	Computer Organization	Database Management Systems	Introduction to artificial Intelligence	Introduction Neural Network	--	--	--
C S E SOFTWARE ENGINEERING (25)	Wireless Networks & Mobile Computing	Unix Network Programming	S/ W Requirement & Estimation	Software Process & Project Management	Object oriented Modeling	Web- Technologies	--	--	--
E C E DECS (38)	Advanced Digital Signal Processing	Elective – I Artificial Intelligence	Digital Data Communication	Elective – II Embedded & Real Time Systems	Digital System Design	Detection & Estimation of Signals	Elective – I Advanced Computer Architecture	Elective-II Neural Networks and Applications	Advanced Operating System
E C E DSCE (06)	--	VLSI Technology & Design	Elective – I Digital Data Commutations	--	Digital System Design	--	Advanced Computer Architecture	Neural Networks and Applications	Advanced Operating System
E C E ECE (70)	Advanced Digital Signal Processing	VLSI Technology and Architecture Design Methodologies	Digital Data Communications	Coding Theory and Practice	Statistical Signal Processing	VHDL Modeling of Digital Systems	---	---	--
E C E ES (55)	Embedded Systems Concepts	VLSI Technology and Design	Digital Data Communications, Image Video Processing	Micro Controller for Embedded System Design	---	System Modeling & Simulation	Elective-I Advanced Computer Architecture	Analog and Digital IC Design	--
E C E SSP (45)	Advanced Digital Signal Processing	VLSI Technology and Design	Digital Data Communication	Digital Control System	Digital System Design	--	Transform Techniques	--	--
E C E VLSI & ES (68)	Embedded Systems Concepts	Hardware Software Co- Design	Embedded Software Design	Micro Controller of r Embedded System Design	RF & Micro Wave Integrated Circuits	VHDL Modeling of Digital Systems	---	Analog And Digital IC Design	---

E C E VLSID & VLSD/VLSI (72 & 57)	Embedded Systems Concepts	VLSI Technology and Design	Elective – I Digital Data Communications	--	Digital System Design	Elective-II VHDL Modeling of Digital Systems	Electronic Design Automation tools	Analog IC Design	--
E E E POWER ELECTRONICS (43)	Machine Modeling and Analysis	Analysis of Power Electronic Converters	Power Electronic Control of DC Drives	--	Modern Control Theory	Elective-I Energy Conversion Systems	Modern Power Electronics	HVDC Transmissio ns	--
						Prog. Logic Controller & It's Applications			
E E E POWER ELECTRONICS AND ELECTRI DRIVES (54)	Machine Modeling and Analysis	Analysis of Power Electronic Converters	Power Electronic Control of DC Drives	Digital Control Systems	Operations Research	Elective-I Energy Conversion Systems	--	--	Microproc essor & Microcontr ollers'
						Neural & Fuzzy Systems			
E E E POWER AND INDUSTRIAL DRIVES (42)	Machine Modeling and Analysis	Analysis of Power Electronic Converters	Power Electronic Control of DC Drives	Digital Control Systems	Operations Research	Elective-I Energy Conversion Systems	--	--	Microproc essor & Microcontr ollers'
						Neural & Fuzzy Systems			
E E E POWER SYSTEMS HV ENGG	Advanced Control Systems	---	Electrical Distributions System	High Voltage Engineering	--	Dielectric and Insulation Engineering	Extra High Voltage Transmissio n	HVDC Transmissio ns	---
E E E P.S. CONTROL AND AUTOMATION (53)	Distribution Automation	Power System Operation and Control	Advanced Power System Protection	Digital Control Systems	--	--	--	HVDC Transmissio ns	Microproc essors & Microcontr ollers

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(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above list immediately.

Date:28-03-2012

A.m. prasad
Controller of Examinations

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

M.Tech I semester 09 Regulations – (09 Admitted onwards) Regular & Suppl., Examinations – April, 2012

T I M E T A B L E

Time: 10.00 AM to 1.00 PM

BRANCHES/ Specializations	16.04.2012 Monday	18.04.2012 Wednesday	20.04.2012 Friday	23.04.2012 Monday	25.04.2012 Wednesday	27.04.2012 Friday	30.04.2012 Monday	02.05.2012 Wednesday	04.05.2012 Friday
BIO TECHNOLOGY (03-B.T.)	Advanced Micro Biology	Advanced Bio- Chemistry	Advanced Bio-Chemical Engineering	Advanced Downstream Processing	Bio-Analytical Techniques	--	---	---	---
					Bio-Informatics				
CIVIL STRUCTURAL ENGINEERING	Advanced Applied Mathematics	Theory of Elasticity and Plasticity	Matrix Analysis of Structures	Theory and Plates and Shells	Elective-I Experimental Stress Analysis	Elective-II Advanced Concrete Technology	---	---	---
					Foundation Engineering-I	Offshore Construction			
					Optimization in Structural Design	Plastic Analysis and Design			
CIVIL TRANSPORTATION ENGINEERING	Applied Numerical Methods	Pavement Materials and Construction	Traffic Engineering	Design and Evaluation of Pavements	Optimization Techniques	Elective -I Transportation Structures	---	---	---
						Ground Improvement Techniques			
						Environmental Impact Assessment			

MECHANICAL CAD/CAM (04)	Advances in Manufacturing Technology	Computer Integrated Manufacturing	Geometric Modeling	Finite Element Methods	Elective – I Non Destructive Evaluation	Elective – II Design for Manufacturing	---	---	---
					Computational Methods	Computer Aided Process Planning			
					Nano-Technology	Mechatronics			
					Quality Engg. & Manufacturing	Fracture Fatigue & Creep Deformation			
MECHANICAL MACHINE DESIGN (15)	Advanced Mechanisms	Advanced Mechanisms of Solids	Geometric Modeling	Finite Element Methods	Elective – I Continuum Mechanics & Tensor Analysis	Elective – II Fracture, Fatigue & Creep deformation	---	---	---
					Computational Methods	Materials Technology			
					Tribology	Gear Engineering			
					Non Destructive Evaluation	Design for Manufacturing			
MECHANICAL THERMAL ENGINEERING	Optimization Techniques & Applications	Advanced Thermodynamics	Advanced Heat & Mass Transfer	Advanced Fluid Mechanics	Turbo-Machines	Advanced I.C. Engines	---	---	---
					Cryogenics Engineering	Non-Conventional Energy Sources			
					Solar Energy Technology	Material Science			
C S E COMPUTER SCIENCE ENGG & COMPUTURE SCIENCE (58) & (05)	Data Structures and Algorithm Analysis	Mathematical Foundation of Computer Science	Computer Organization and Architecture	Database Management Systems	Operating Systems	Object Oriented Programming	--	--	---
C S E INFORMATION TECHNOLOGY (40)	Advanced Data Structures and Algorithms	Scalable Parallel Computing Architectures	Distributed Operating Systems	Data Mining and Knowledge Discovery	Code Optimization	Secured Database Application Development	---	---	---

C S E NEURAL NETWORKS (69)	Data structures and Algorithm Analysis	Artificial Neural Networks	Computer Organization and Architecture	Database Management Systems	Operating Systems	Artificial Intelligence and Soft Computing	---	---	---
C S E SOFTWARE ENGINEERING (25)	Advanced Data Structures and Algorithms	ERP & Supply Chain Management	Software Quality Assurance & Testing	Software Requirement & Estimation	Mobile Computing	Elective – 1 Business Process Modeling	Web Technologies	---	---
CSE COMPUTE NETWORKS AND INFORMATION SECURITY (84)	Advanced Networking Concepts	Applied Cryptography	Distributed Architectures & Middleware Technologies	Penetration testing and Network Defense	Software Architecture and Process Management	Embedded Systems and Real Time Systems	Web Technologies	---	---
					Multimedia & Application Development	Date Warehousing and Mining			
					Computer Forensics and Investigations	Advanced Databases			
CSE COMPUTE NETWORKS (88)	Network Programming	Network Security	Computer communication s	Internetworkin g with TCP/IP	Mobile Computing	Wireless Communicatio ns and Networks	--	---	---
E C E DECS (38)	Elective – I Advanced Digital Signal Processing	VLSI Technology and Design	Digital Data Communication	Elective – II Embedded & Real Time Systems	Digital System Design	Detection & Estimation of Signals	Elective-I Transform Techniques	----	---
				Coding Theory & Practice					
E C E DIGITAL IMAGE PROCESSING (63)	Advanced Digital Signal Processing	Elective – II VLSI Technology and Design	Elective – I Digital Data Communication s	Coding Theory and Practice	Image Processing	Elective – II Networks Security and Cryptography	Transform Techniques	Elective – I Neural Network & Applications	Elective – II Hardware Software Co- Design
			Embedded Software Design						

E C E DSCE (06)	--	VLSI Technology & Design	Elective – I Digital Data Commutations	Elective – II Embedded & Real Time Systems	Digital System Design	Elective – II Networks Security and Cryptography	Advanced Computer Architecture	---	Advanced Operating System
			Neural Networks & Fuzzy Systems						
E C E ECE (70)	Elective – I Advanced Digital Signal Processing	VLSI Technology & Design	Digital Data Communicatio ns	Elective – II Embedded & Real Time Systems	Statistical Signal Processing	Detection & Estimation of Signals	Elective – I Transform Techniques	---	---
				Coding Theory & Practice					
E C E ES (55)	Embedded Systems Concepts	VLSI Technology and Design	Elective – I Embedded Software Design	Elective – II Embedded & Real Time Systems		Elective – I VHDL Modeling of Digital Systems	Embedded Systems Design	Analog and Digital IC Design	Elective – II Hardware Software Co- Design
E C E SSP (45)	Elective – I Advanced Digital Signal Processing	VLSI Technology and Design	Digital Data Communicatio n	Coding Theory and Practice	Statistical Signal Processing	Elective – II Image and Video Processing	Elective – I Transform Techniques	Elective – II Neural Networks and Applications	---
E C E VLSI & ES (68)	Embedded Systems Concepts	VLSI Technology and Design	Elective – I Embedded Software Design	--	Elective – I Digital System Design	Elective – II VHDL Modeling of Digital Systems	Embedded Systems Design	Analog And Digital IC Design	Elective – II Hardware Software Co- Design
E C E VLSID & VLSD/VLSI (72 & 57)	Embedded Systems Concepts	VLSI Technology and Design	Elective – I Digital Data Communicatio ns	--	Digital System Design	Elective – I VHDL Modeling of Digital Systems	Elective – II Electronic Design Automation Tools	Analog and Digital IC Design	---
							Embedded Systems Design		

E C E MICROWAVE & COMMUNICATION ENGINEERING	Time- Harmonic Electromagne tic Fields	Fiber Optic Components, Devices & Measurements	Optical Communicatio n & Networks	Elective-II Coding Theory and Practice	Elective-I Planer Transmission Lines & Microwave Integrated circuits	Elective-II RF Circuit Design	Antenna arrays and Synthesis	--	---
					Advanced Digital Communicati on				
E E E POWER ELECTRONICS (43)	Electrical Machine Modeling and Analysis	Analysis of Power Electronic Converters	-----	Microcontrolle r & Applications	Elective – I Modern Control Theory	Elective – II Special Machines and Controls	---	Power Electronic Control of DC Drives	---
					Power Semiconduct or Devices & Protection	Renewable Energy Sources			
E E E POWER ELECTRONICS AND DRIVES	Electrical Machine Modeling and Analysis	Analysis of Power Electronic Converters	-----	Microcontrolle r & Applications	Elective – I Modern Control Theory	Elective – II Special Machines and Controls	---	Power Electronic Control of DC Drives	---
					Power Semiconduct or Devices & Protection	Renewable Energy Sources			
E E E POWER ELECTRONICS AND ELECTRI DRIVES (54)	Electrical Machine Modeling and Analysis	Analysis of Power Electronic Converters	-----	Microcontrolle r & Applications	Elective – I Modern Control Theory	Elective – II Special Machines and Controls	---	Power Electronic Control of DC Drives	---
					Power Semiconduct or Devices & Protection	Renewable Energy Sources			
E E E POWER AND INDUSTRIAL DRIVES (42)	Electrical Machine Modeling and Analysis	Analysis of Power Electronic Converters	-----	Microcontrolle r and Applications	Elective – I Modern Control Theory	Elective – II Special Machines and Controls	---	Power Electronic Control of DC Drives	---
					Power Semiconduct or Devices & Protection	Renewable Energy Sources			

EEE POWER SYSTEMS WITH EMPHASIS ON HV ENGG	--	High Voltage Power Apparatus and Diagnostics	--	Elective – II Reactive Power Compensation & Management	Elective – I High Voltage Systems using EMTP Analysis	Dielectric and Insulation Engineering	Generation and Measurement of High Voltages	HVDC Transmissions	Elective – II Microprocess ors & Microcontrol lers
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	-----
EEE POWER SYSTEMS (56)	Power System Operation and Control	-----	Elective – I Electrical Distribution System	Reactive Power Compensation & Management	Elective – II AI Techniques	---	Elective – I EHVAC Transmission s	HVDC Transmissions	Microprocess ors & Microcontrol lers
					Power system Security		Power Quality		
EEE P.S. CONTROL AND AUTOMATION (53)	Power System Operation and Control	-----	Elective – I Electrical Distribution System	Reactive Power Compensation & Management	Elective – II AI Techniques	--	Elective – I EHVAC Transmission s	HVDC Transmissions	Microprocess ors & Microcontrol lers
					Power System Security		Power Quality		
					Advanced DSP				
EEE ELECTRICAL MACHINES AND DRIVES (44)	Electrical Machine Modeling and Analysis	Analysis of Power Electronic Converters	-----	Microcontrolle r & Applications	Elective – I Modern Control Theory	Elective – II Special Machines and Controls	---	Power Electronic Control of DC Drives	---
					Power Semiconduct or Devices & Protection				
CHEMICAL ENGINEERING (51)	Applied Numerical Methods	Advanced Chemical Reaction Engg	Advanced Transport Phenomena	Advanced Bio Process Engineering	Nano- Technology	--	--	--	--
				Enzyme and Microbial Technology					
				Industrial Microbial Products					

CONTROL SYSTEMS (95)	Advanced Control theory	Digital Control Systems	Random Variable Stochastic Process	Micro Controller & Applications	Elective – I Computer Controlled Systems	Elective – II System Identifications and Parameter Estimations Computation	---	---	---
					Control of Special Machines	Techniques and Optimization			
NANO TECHNOLOGY (96)	Structure, Bonding and Quantum mechanics of electronics	Synthesis of Nanomaterials	Science and technology of Thin-film	Nano Biotechnology, materials and devices	Numerical methods and Advanced Computing Techniques	Elective – I Nanotechnology for energy systems	----	---	----
						Surface sciences and advanced catalysis			
						Thermodynamics			
COMMUNICATION AND SIGNAL PROCESSING (80)	Communication Theory	Digital Data Communications	Coding Theory And Practice	Digital Signal Processing	Elective – I Transform Techniques	Elective – II VLSI Technology & Design	----	---	----
					Radar Signal Processing	Micro Controller Applications			

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EXAMINATION BRANCH :: KAKINADA – 500 033

M.Tech I semester 10 Regulations – (10 Admitted Batch only) Regular Examinations – Mar/ April, 2011

T I M E T A B L E

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BIO TECHNOLOGY (03-B.T.)	Microbial Technology	Metabolic Engineering	Bioprocess Engineering	Enzyme Engineering & Fermentation Technology	Elective-I Molecular Fundamentals of Biology	Elective-II Immuno technology	---	---	---
					Chemical Plant & Equipment Design	Nano Biotechnology			

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