



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085, ANDHRA PRADESH (INDIA)**

TIME-TABLE OF M.TECH. II-SEM.SUPPLY . EXAMS- (EEE) BRANCH - (R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Power Electronics & Electric Drives	Electrical Power Systems	Power Electronics	Electrical Power Engineering	Power Engineering & Energy Systems
23.04.2013 Tuesday	Power Electronic Control of AC Drives	Advanced Power System Protection	Power Electronic Control of AC Drives	Advanced Power System Protection	Advanced Power System Protection
25.04.2013 Thursday	Dynamics of Electric Machines	High Voltage DC Transmission	Neural and Fuzzy Systems	Neural and Fuzzy Systems	Electrical Energy Conversion
27.04.2013 Saturday	<u>Elective - IV :</u> 1. Enterprise Resource Planning 2. Prog. Logic Controllers and their Applications 3. Advanced Digital Signal Processing	Power System Reliability	Microprocessor and Microcontroller	<u>Elective - III :</u> 1.Distribution Automation 2. Digital Signal Processing 3. Digital Control Systems	<u>Elective - III :</u> 1.Energy Management and Thermal Energy Conversion 2. Thermal Power Plants 3. Hydrel Power Engineering
30.04.2013 Tuesday	Flexible AC Transmission Systems (FACTS)	<u>Elective - III :</u> 1.Extra High Voltage Transmission 2. Prog. Logic Controllers and their Applications 3.Advanced Digital Signal Processing	Flexible AC Transmission Systems (FACTS)	Flexible AC Transmission Systems	<u>Elective - IV :</u> 1.Flexible AC Transmission Systems 2. Extra High Voltage Transmission 3. Distribution Automation
03.05.2013 Friday	<u>Elective - III :</u> 1.Power Quality 2. Embedded Systems 3. Reliability Engineering	<u>Elective - IV :</u> 1.Neural and Fuzzy Systems 2.Power Quality 3. Embedded Systems	<u>Elective - III :</u> 1. Power Quality 2.Digital Control Systems 3.Advanced Digital signal Processing	Power Quality	Instrumentation
06.05.2013 Monday	High Voltage DC Transmission	Power System Control and Stability	<u>Elective - IV :</u> 1.Reliability Engineering 2. Embedded Systems 3.Enterprise Resource Planning	<u>Elective - IV :</u> 1.Power System Operation & Control 2.Reliability Engineering 3. Enterprise Resource Planning	Renewable Energy Sources

Continuation...M.TECH. II-SEM. SUPPLY,EXAMS- (EEE) BRANCH - (R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Control Engineering	Power & Industrial Drives	Power Systems (High Voltage)	Control Systems	Power System Control & Automation
23.04.2013 Tuesday	Optimal Control Theory	Power Electronic Control of AC Drives	<u>Elective - III :</u> 1. Power System Operation and Control 2. Power System Dynamics and Stability	Optimal Control Theory	Flexible AC Transmission Systems
25.04.2013 Thursday	Nonlinear Systems	Dynamics of Electric Machines	Partial Discharge in High Voltage Equipment	Adaptive Control Theory	Power System Control and Stability
27.04.2013 Saturday	Process Dynamics & Control	<u>Elective - IV :</u> 1. Enterprise Resource Planning 2. Prog. Logic Controllers and their Applications 3. Advanced Digital Signal Processing	Surge Phenomena and Insulation Coordination	<u>Elective - IV :</u> 1. Advanced Digital Signal Processing 2. Operations Research	Neural and Fuzzy Systems
30.04.2013 Tuesday	Computer Aided VLSI Design	Flexible AC Transmission Systems (FACTS)	<u>Elective - IV :</u> 1. Flexible AC Transmission Systems 2. Voltage Stability 3. Collision Phenomena and Plasma Electronics	<u>Elective - III :</u> 1. Robotics and Control Systems 2. Distributed Control Systems	<u>Elective - II :</u> 1. Operation Research 2. Embedded Systems 3. Power Quality
03.05.2013 Friday	<u>Elective - IV :</u> 1. Neural Networks and Fuzzy Systems 2. Real Time Systems 3. Intelligent & Knowledge Based Systems	<u>Elective - III :</u> 1. Power Quality 2. Embedded Systems 3. Reliability Engineering	Power System Protection with Static Relay	Neural Networks and Fuzzy Systems	Real Time Control of Power Systems
06.05.2013 Monday	<u>Elective-III :</u> 1. Control System Design 2. Adaptive & Learning Control 3. Reliability Engineering	High Voltage DC Transmission	High Voltage Testing Techniques	Control System Design	Extra High Voltage Transmission

TIME-TABLE OF M.TECH. II-SEM. SUPPLY, EXAMS- (MECHANICAL) BRANCH - (R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Advanced Manufacturing Systems	Industrial Engineering and Management	CAD/CAM	Design for Manufacturing
23.04.2013 Tuesday	Simulation Modeling of Manufacturing System	Simulation Modeling of Manufacturing System	Design of Hydraulics and Pneumatics Systems	Design of Hydraulics and Pneumatics Systems
25.04.2013 Thursday	Quality Engineering in Manufacturing	Supply Chain Management	Flexible Manufacturing Systems	Total Quality Management
27.04.2013 Saturday	Computer Aided Manufacturing	Reliability Engineering and Maintenance Management	Computer Aided Manufacturing	Computer Aided Manufacturing
30.04.2013 Tuesday	Production and Operations Management	Production and Operations Management	Elective - III : 3. Productions and Operations Management	Elective - III : 1. Industrial Robotics 2. Tool Design 3. Production and Operations Management
03.05.2013 Friday	Elective - IV : 1 Intelligent Manufacturing Systems 2. Computational Fluid Dynamics 3. Performance Modeling and Analysis of Manufacturing Systems	Elective - III: 1.Total Quality Management 2. Enterprise Resource Planning	Elective - III : 1.Automation in Manufacturing 2.Computational Fluid Dynamics	Elective - IV : 1. Automation in Manufacturing 2. Computational Fluid Dynamics 3. Performance Modeling and Analysis of Manufacturing Systems
06.05.2013 Monday	Elective - III : 1. Industrial Robotics 2. Tool Design 3. Design and Manufacturing of MEMS and Micro Systems	Elective - IV: 1.Marketing Management 2.Energy Management	Elective - IV : 1. Computer Aided Process Planning 2. Design Optimization 3. Intelligent Manufacturing Systems	Design and Manufacturing of MEMS and Micro Systems
08.05.2013 Wednesday	-----	-----	Industrial Robotics	-----

COURSES → DATE & DAY	Machine Design	Mechatronics	Thermal Engineering	ENGINEERING DESIGN	Heat Ventilation & Air Conditioning
23.04.2013 Tuesday	Advanced Mechanics	Micro Controller & Applications	Fuels, Combustion & Environment	Advanced Machine Design	Advanced Heat and Mass Transfer
25.04.2013 Thursday	Mechanical Vibrations	Fuzzy Logic & Neural Networks	Energy Management	Industrial Robotics	Air-Conditioning - II
27.04.2013 Saturday	Advanced Optimization Techniques	MEMS	Finite Element Analysis	Finite Element and Boundary Element Methods	Advance Instrumentation Control Systems
30.04.2013 Tuesday	Experimental Stress Analysis	Industrial Robotics	Computational Fluid Dynamics	Digital Image Processing and Computer Vision	Refrigeration & A/C Equipments & Control
03.05.2013 Friday	<u>Elective - IV :</u> 1. Signal Analysis and Condition Monitoring 2. Mechatronics 3. Computational Fluid Dynamics 4. Theory of Plates and Shells	<u>Elective-III :</u> 1. Intelligent Manufacturing Systems 2.Simulation, Modeling of Manufacturing Systems 3. Design For Manufacturing and Assembly	<u>Elective - IV :</u> 1. Refrigeration & Air - Conditioning 2. Thermal Measurements and Process Controls 3. Jet Propulsion & Rocketry	<u>Elective - III :</u> Materials Handling Equipment	<u>Elective-III :</u> 1. Energy Management 2. Equipment Design for Thermal Systems 3. Finite Element Analysis
06.05.2013 Monday	<u>Elective-III :</u> 1. Pressure Vessel Design 2. Design Synthesis 3. Non Linear Vibrations 4. Robotics	<u>Elective - IV :</u> 1. Autotronics & Vehicle Intelligence 2.Computer Aided Metrology & Machine Vision 3. Entrepreneurship	<u>Elective-III :</u> 1. Thermal & Nuclear Power Plants 2.Equipment Design for Thermal Systems 3.Convective Heat Transfer	<u>Elective - IV :</u> Design for Manufacturing and Assembly	<u>Elective - IV :</u> 1. Thermal and Nuclear Power Plants 2.Cryogenic Engineering 3. Thermal Turbo Machines

TIME-TABLE OF M.TECH. II-SEM. SUPPLY EXAMS- (ECE) BRANCH – (R09 – 2009, 2010 & 2011 BATCHES) – APRIL, 2013

TIME: 10.00 A.M TO 1.00 P.M

<u>COURSES →</u> DATE & DAY	Electronics & Instrumentation	Embedded Systems	Digital Systems & Computer Electronics	Digital Electronics & Communication Systems	Wireless & Mobile Communication	VLSI System Design /VLSI / VLSI Design
23.04.2013 Tuesday	Data Acquisition System	CPLD & FPGA Architectures and Applications	Advanced Computer Architecture	Coding Theory and Techniques	Coding Theory and Techniques	CMOS Analog & Mixed Signal Design
25.04.2013 Thursday	Quality & Reliability Engineering	Hardware Software Co-Design	<u>Elective - III:</u> 1. Network Security and Cryptography 2. System on Chip Architecture 3. Robotics	Wireless Communications and Networks	Wireless Communications and Networks	System on Chip Architecture
27.04.2013 Saturday	PC Based Instrumentation	Digital Signal Processors and Architectures	Embedded Real Time Operating Systems	Optical Communications Technology	Optical Communications Technology	Embedded Real Time Operating Systems
30.04.2013 Tuesday	Virtual Instrumentation	System Modeling Simulation ----- Advanced Computer Networks (Subst. Subject)	Design of Fault Tolerant Systems	Image & Video Processing	Telecommunication Switching & Networks	Design of Fault Tolerant Systems
03.05.2013 Friday	<u>Elective - III:</u> Industrial Instrumentation	<u>Elective - III:</u> 1. Ad-hoc Wireless & Sensor Networks 2. Low Power VLSI Design 3. Robotics	Low Power VLSI Design	<u>Elective - III:</u> 1. Low Power VLSI Design 2. Radar Signal Processing 3. Optical Networks	<u>Elective - III:</u> 1. Optical Networks 2. Mobile Computing Technologies 3. Ad-hoc Wireless & Sensor Networks	<u>Elective - IV:</u> 1. Low Power VLSI Design 2. System Modeling & Simulation 3. Semiconductor Memory Design & Testing
06.05.2013 Monday	<u>Elective - IV:</u> Fiber Optic and Laser Based Instrumentation	<u>Elective - IV:</u> 1. Image & Video Processing 2. System on Chip Architecture 3. Network Security & Cryptography	<u>Elective - IV :</u> 1. CMOS Analog & Mixed Signal Design 2. Artificial Intelligence 3. Digital Signal Processors and Architectures	<u>Elective - IV :</u> 1. Digital Signal Processors and Architectures 2. Network Security & Cryptography 3. Design for Testability	<u>Elective - IV :</u> 1. Network Security & Cryptography 2. Propagation Models for Wireless Communications 3. Software Radio	<u>Elective - III :</u> 1. Digital Signal Processors and Architectures 2. Image & Video Processing 3. VLSI Signal Processing

COURSES → DATE & DAY	Systems & Signal Processing (45)	Computers & Communication Engg.	Communication Systems	Embedded Systems & VLSI Design	VLSI & Embedded Systems	Systems & Signal Processing (Specialization Code = 93)	Electronics & Communication Engg.
23.04.2013 Tuesday	Coding Theory and Techniques	Coding Theory and Techniques	Coding Theory and Techniques	CMOS Analog & Mixed Signal Design	CMOS Analog & Mixed Signal Design	Coding Theory & Techniques	Coding Theory and Techniques
25.04.2013 Thursday	Elective - III : Wireless Communications and Networks	Wireless Communications and Networks	Wireless Communications & Networks	System on Chip Architecture	System on Chip Architecture	Elective - IV : 1.Mobile Computing Technologies 2.System on Chip Architecture 3.Digital Control Systems	Wireless Communications and Networks
27.04.2013 Saturday	Adaptive Signal Processing	Elective - IV : 1.Telecommunication Switching & Networks 2.Optical Communications Technology 3.Data Base Management Syst.	Optical Communications Technology	Embedded Real Time Operating Systems	Embedded Real Time Operating Systems	Elective - III : 1.Adhoc Wireless and Sensor Networks 2. CPLD & FPGA Architecture & Appl. 3. Embedded Real Time Operating Systems	Optical Communications Technology
30.04.2013 Tuesday	Image and Video Processing	Advanced Computer Networks	Telecommunication Switching & Networks	Design of Fault Tolerant Systems	Design of Fault Tolerant Systems	Adaptive Signal Processing	Image & Video Processing
03.05.2013 Friday	Speech Processing	Elective - III : 1.Optical Networks 2.Mobile Computing Technologies 3.Advanced Computer Architecture	Elective - III : 1.Ad-hoc Wireless and Sensor Networks 2.Optical Networks 3.Mobile Computing Technologies	Elective - IV: 1. Low Power VLSI Design 2.System Modeling and Simulation 3.Semiconductor Memory Design & Testing	Elective - IV: 1. Low Power VLSI Design 2.System Modeling and Simulation 3.Semiconductor Memory Design & Testing	Speech Processing	Elective - III : 1.Radar Signal Processing 2. Low Power VLSI Design 3. Optical Networks
06.05.2013 Monday	Elective - IV : DSP Processors and Architectures	Network Security and Cryptography	Elective - IV : 1.Propagation Models for Wireless Communication 2. Network Security & Cryptography 3. Software Radio	Elective - III : 1.Image & Video Processing 2.Digital Signal Processors and Architectures 3.VLSI Signal Processing	Elective - III : 1.Image & Video Processing 2.Digital Signal Processors and Architectures 3.VLSI Signal Processing	DSP Processors and Architectures	Elective - IV : 1.Network Security & Cryptography 2.Digital Signal Processors and Architectures 3.Design for Testability

TIME-TABLE OF M.TECH. - II-SEM. SUPPLY EXAMS- (CSE) BRANCH - (R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Computer Science & Engineering	Computer Science	Software Engineering	Information Technology	Parallel Computing
23.04.2013 Tuesday	Distributed Computing	Distributed Computing	Distributed Computing	Network Programming	Distributed Data Bases
25.04.2013 Thursday	Distributed Databases	Distributed Databases	Elective - IV : 1. Image Processing & Pattern Recognition 2. Introduction to Neural Networks 3. Speech Processing	Adhoc and Sensor Networks	Adhoc and Sensor Networks
27.04.2013 Saturday	Elective - III : 1.Web Services 2.Information Retrieval Systems 3.Semantic Web and Social Networks	Elective - III : 1.Web Services 2.Information Retrieval Systems 3.Semantic Web and Social Networks	Software Architecture and Design Patterns	Web Services	Grid Computing
30.04.2013 Tuesday	Elective - IV : 1.Information Security 2.Wireless Networks and Mobile Computing 3. Storage Area Networks	Elective - IV : 1.Information Security 2.Wireless Networks and Mobile Computing 3. Storage Area Networks	Service Oriented Architecture	Information Security	Information Security
03.05.2013 Friday	Advanced Computer Architecture	Advanced Compiler Design	Software Quality Assurance & Testing	Elective - IV : 1.Distributed Systems 2.Software Quality Assurance & Testing 3. Internetworking with TCP/IP 4.Software Architecture & Design Patterns	Elective - III : 1.Machine Learning 2.Pattern Recognition 3.Data Mining
06.05.2013 Monday	Advanced Computer Networks	Advanced Computer Networks	Elective - III : 1. Semantic Web & Social Networks 2. Scripting Languages 3. Multimedia and Rich Internet Development	Elective - III : 1. Mobile Computing 2. Wireless Security 3. Network Management Systems 4.Adv. Computer Architecture	Elective - IV : 1. Distributed Computing 2.Cloud Computing 3.Pervasive Computing

<u>COURSES →</u> <u>DATE & DAY</u>	Computer Networks & Information Security	Web Technologies	Image Processing	Real Time Systems	Computer Networks
23.04.2013 Tuesday	Wireless Networks	Scripting Languages	Neural Networks	Real Time Systems Programming Languages	Wireless Networks
25.04.2013 Thursday	Information Security - II	Web Services	Remote Sensing & GIS	Embedded Systems Development	<u>Elective - IV :</u> E-Commerce
27.04.2013 Saturday	<u>Elective - IV :</u> 1.Network Management & Performance Evaluation 2.Information Retrieval Systems 3.Wireless Security 4.Adhoc and Sensor Networks	<u>Elective - III :</u> 1.Web Data Mining 2.Cloud Computing 3. Multimedia and Rich Internet Applications	Robotics and Machine Vision	Real Time Operating Systems	<u>Elective - III :</u> Information Retrieval Systems
30.04.2013 Tuesday	Information Security, Management and Standards	Grid Computing	<u>Elective - IV :</u> 1.Genetic Algorithms 2.Storage Area Networks 3.Multimedia Databases	<u>Elective - IV :</u> 1. Neural Networks 2. Mobile Computing 3. Case Studies in Real Time Applications	Internet Networking with TCP/IP
03.05.2013 Friday	Mobile Computing	<u>Elective - IV :</u> 1.Software Architecture and Design Pattern 2. Software Quality Assurance and Testing 3.Software Process and Project Management	<u>Elective - III :</u> 1. Biometrics 2. Data Mining 3. Radar Imaging	<u>Elective - III :</u> 1. Case Studies of Real Time Operating Systems 2. Low Power VLSI Design 3. Parallel Algorithms	Mobile Computing
06.05.2013 Monday	<u>Elective - III :</u> 1.Distributed Systems 2.Communication Protocol Engineering 3.Web services 4.Database Security	Semantic Web and Social Networks	Parallel Algorithms	Quality Assurance of Real Time Systems	Distributed Systems

TIME-TABLE OF M.TECH. - (CIVIL ENGINEERING) BRANCH- II SEMESTER SUPPLY EXAMS -(R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

<u>COURSES →</u> DATE & DAY	Highway Engineering	Structural Engineering
23.04.2013 Tuesday	Highway Project Formulation & Economics	Finite Element Methods
25.04.2013 Thursday	Pavement Construction, Maintenance & Management	Structural Dynamics
27.04.2013 Saturday	Transportation Systems Management	Analysis and Design of Shells and Folded Plates
30.04.2013 Tuesday	Traffic Analysis	Advanced Steel Design
03.05.2013 Friday	<u>Elective - III :</u> 1. Land Use and Transportation Modeling 2. Environmental Impact Assessment for Transportation Projects 3. Advanced Modeling Techniques in Highway Engineering	<u>Elective - III :</u> 1. Advanced Foundation Engineering 2. Pre-stressed Concrete 3. Computer Aided Design in Structural Engg. (CAD)
06.05.2013 Monday	<u>Elective - IV :</u> 1. GIS Applications in Transportation Engineering 2. Advanced Travel Demand Modelling 3. Optimization Techniques	<u>Elective - IV :</u> 1. Earthquake Resistant Design of Buildings 2. Principles of Bridge Engineering 3. Plastic Analysis and Design 4. Stability of Structures

TIME-TABLE OF M.TECH. - (BIOTECHNOLOGY,CHEMICAL ENGG. & AEROSPACE ENGG.) COURSES- II SEMESTER SUPPLY EXAMS -(R09 - 2009, 2010 & 2011 BATCHES) - APRIL,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Biotechnology	Chemical Engineering	Aerospace Engineering
23.04.2013 Tuesday	Bioreactor Engineering	Advanced Separation Processes	Aircraft Control and Simulation
25.04.2013 Thursday	Genetic Engineering	Advanced Process Control	Space Transportation Systems
27.04.2013 Saturday	Downstream Processing	Advanced Mathematics in Chemical Engineering	Computational Approaches to Aerospace Vehicle Design
30.04.2013 Tuesday	Elective - III / IV / V : Environmental Biotechnology	Elective - III : 1. Computational Fluid Dynamics 2. Advanced Chemical Engineering Plant Design 3. Industrial Microbial Products	Aerospace Sensors and Measurement Systems
03.05.2013 Friday	Elective - III / IV / V : Advanced Immunology and Immunotechnology	Elective - V : 1. Applied Numerical Methods 2. Process Systems Engineering 3. Optimization Techniques in Chemical Engineering	Elective - III : 1. Spacecraft Dynamics and Control 2. Dynamics and Control of Structures 3. Adv. Topics in Air Traffic Mngt. Systems 4. Aero-thermodynamics of Hypersonic Flight 5. Missile Guidance
06.05.2013 Monday	Elective - III / IV / V : Plant Biotechnology	Elective - IV : 1. Membrane Technology 2. Environmental Impact Assessment 3. Energy Conservation in Chemical Process Industries	Elective - IV: 1. High Angle of Attack Aerodynamics 2. Rocket and Spacecraft Propulsion 3. Mechanics of Composite Materials 4. Tactical Missile Design 5. Optimal Control
08.05.2013 Wednesday	Elective - III / IV / V : Bioinformatics	-----	-----
13.05.2013 Monday	Elective - III / IV / V : Advanced Animal Cell Science and Technology	-----	-----
15.05.2013 Wednesday	Elective - III / IV / V : Nano Biotechnology and Nano Devices	-----	-----

NOTE : 1) ANY CLASHES / OMISSIONS IN THIS TIME-TABLE MAY BE BROUGHT TO THE NOTICE OF THE UNDERSIGNED.
2) IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES THE EXAMS WILL BE CONDUCTED AS USUAL.

Date : 23.03.2013

CONTROLLER OF EXAMINATIONS