



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

TIME-TABLE OF M.TECH. II-SEM.REGULAR . EXAMS- (EEE) BRANCH - (R09 - 2009, 2010, 2011 & 2012 BATCHES) - OCTOBER,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
21.10.2013 Monday	Power Electronic Control of AC Drives	Advanced Power System Protection	Power Electronic Control of AC Drives	Advanced Power System Protection	Advanced Power System Protection
23.10.2013 Wednesday	Dynamics of Electric Machines	High Voltage DC Transmission	Neural and Fuzzy Systems	Neural and Fuzzy Systems	Electrical Energy Conversion
25.10.2013 Friday	<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. Hydel Power Engineering
28.10.2013 Monday	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
30.10.2013 Wednesday	<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
01.11.2013 Friday	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

COURSES → DATE & DAY	Control Engineering	Power & Industrial Drives	Power Systems (High Voltage)	Control Systems	Power System Control & Automation
21.10.2013 Monday	Optimal Control Theory	Power Electronic Control of AC Drives	Elective - III : 1. Power System Operation and Control 2. Power System Dynamics and Stability	Optimal Control Theory	Flexible AC Transmission Systems
23.10.2013 Wednesday	Nonlinear Systems	Dynamics of Electric Machines	Partial Discharge in High Voltage Equipment	Adaptive Control Theory	Power System Control and Stability
25.10.2013 Friday	Process Dynamics & Control	Elective - IV : 1. Enterprise Resource Planning 2. Prog. Logic Controllers and their Applications 3. Advanced Digital Signal Processing	Surge Phenomena and Insulation Coordination	Elective - IV : 1. Advanced Digital Signal Processing 2. Operations Research	Neural and Fuzzy Systems
28.10.2013 Monday	Computer Aided VLSI Design	Flexible AC Transmission Systems (FACTS)	Elective - IV : 1. Flexible AC Transmission Systems 2. Voltage Stability 3. Collision Phenomena and Plasma Electronics	Elective - III : 1. Robotics and Control 2. Distributed Control Systems	Elective - II : 1. Operation Research 2. Embedded Systems 3. Power Quality
30.10.2013 Wednesday	Elective - IV : 1. Neural Networks and Fuzzy Systems 2. Real Time Systems 3. Intelligent & Knowledge Based Systems	Elective - III : 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
01.11.2013 Friday	Elective-III : 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. REGULAR, EXAMS- (MECHANICAL) BRANCH - (R09 - 2009, 2010 ,2011 & 2012 BATCHES) -
OCTOBER,2013**

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Advanced Manufacturing Systems	Industrial Engineering and Management	CAD/CAM	Production Engineering	Power Plant Engineering And Energy Management	Design for Manufacturing
21.10.2013 Monday	Simulation Modeling of Manufacturing System	Simulation Modeling of Manufacturing System	Design of Hydraulics and Pneumatics Systems	Advanced Metal Forming	Advanced Power Plant Engineering	Design of Hydraulics and Pneumatics Systems
23.10.2013 Wednesday	Quality Engineering in Manufacturing	Supply Chain Management	Flexible Manufacturing Systems	Rapid Prototyping Technologies	Power Plant Instrumentation	Total Quality Management
25.10.2013 Friday	Computer Aided Manufacturing	Reliability Engineering and Maintenance Management	Computer Aided Manufacturing	Optimization Techniques and Applications	Power Plant Maintenance	Computer Aided Manufacturing
28.10.2013 Monday	Production and Operations Management	Production and Operations Management	Industrial Robotics	Automation in Manufacturing	Energy Conservation	Elective - III : 1. Industrial Robotics 2. Tool Design 3. Production and Operations Management
30.10.2013 Wednesday	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 3. Productions and Operations Management	Elective - IV : 1.Mechatronics 2.Industrial Robotics 3. Design For Manufacturing and Assembly	Equipment Design for Thermal Systems	Elective - IV : 1. Automation in Manufacturing 2. Computational Fluid Dynamics 3. Performance Modeling and Analysis of Manufacturing Systems
01.11.2013 Friday	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	Elective - III : 1.Intelligent Manufacturing Systems 2.Finite Element Techniques 3. Design and Manufacture of MEMS and Micro Systems	Elective-II 1.Environment & Safety Engineering 2.Power Plant Protection & Switch Gear 3.Power Distribution System 4.Power Plant Performance, Monitoring & Testing	Design and Manufacturing of MEMS and Micro Systems

**Continuation..... M.TECH. II-SEM. REGULAR EXAMS- (MECHANICAL) BRANCH - (R09 - 2009, 2010, 2011 & 2012 BATCHES) -
OCTOBER,2013**

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Machine Design	Mechatronics	Thermal Engineering	ENGINEERING DESIGN	Heat Ventilation & Air Conditioning
21.10.2013 Monday	Advanced Mechanics	Micro Controller & Applications	Fuels, Combustion & Environment	Advanced Machine Design	Advanced Heat and Mass Transfer
23.10.2013 Wednesday	Mechanical Vibrations	Fuzzy Logic & Neural Networks	Energy Management	Industrial Robotics	Air-Conditioning - II
25.10.2013 Friday	Advanced Optimization Techniques	MEMS	Finite Element Analysis	Finite Element and Boundary Element Methods	Advance Instrumentation Control Systems
28.10.2013 Monday	Experimental Stress Analysis	Industrial Robotics	Computational Fluid Dynamics	Digital Image Processing and Computer Vision	Refrigeration & A/C Equipments & Control
30.10.2013 Wednesday	<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
01.11.2013 Friday	<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. REGULAR EXAMS- (ECE) BRANCH - (R09 - 2009, 2010, 2011 & 2012 BATCHES) - OCTOBER,2013

TIME: 10.00 A.M TO 1.00 P.M

<u>COURSES →</u> <u>DATE & DAY</u>	Electronics & Instrumentation	Embedded Systems	Digital Systems & Computer Electronics	Digital Electronics & Communication Systems	Microwave and Radar Engineering	Wireless & Mobile Communication	VLSI System Design / VLSI / VLSI Design
21.10.2013 Monday	Data Acquisition System	CPLD & FPGA Architectures and Applications	Advanced Computer Architecture	Coding Theory and Techniques	Microwave Networks	Coding Theory and Techniques	CMOS Analog & Mixed Signal Design
23.10.2013 Wednesday	Quality & Reliability Engineering	Hardware Software Co-Design	Elective - III: 1. Network Security and Cryptography 2. System on Chip Architecture 3. Robotics	Wireless Communications and Networks	Microwave Solid State Devices	Wireless Communications and Networks	System on Chip Architecture
25.10.2013 Friday	PC Based Instrumentation	Digital Signal Processors and Architectures	Embedded Real Time Operating Systems	Optical Communications Technology	Elective - III: 1.RF Circuit Design 2.Software Radio 3. Optical Communications Technology	Optical Communications Technology	Embedded Real Time Operating Systems
28.10.2013 Monday	Virtual Instrumentation	System Modeling Simulation ----- Advanced Computer Networks (Subst. Subject)	Design of Fault Tolerant Systems	Image & Video Processing	Phased Array Systems	Telecommunication Switching & Networks	Design of Fault Tolerant Systems
30.10.2013 Wednesday	Elective - III: Industrial Instrumentation	Elective - III: 1. Ad-hoc Wireless & Sensor Networks 2. Low Power VLSI Design 3. Robotics	Low Power VLSI Design	Elective - III: 1. Low Power VLSI Design 2. Radar Signal Processing 3. Optical Networks	Radar Signal Processing	Elective - III: 1.Optical Networks 2.Mobile Computing Technologies 3. Ad-hoc Wireless & Sensor Networks	Elective - IV: 1.Low Power VLSI Design 2.System Modeling & Simulation 3.Semiconductor Memory Design & Testing
01.11.2013 Friday	Elective - IV: Fiber Optic and Laser Based Instrumentation	Elective - IV: 1. Image & Video Processing 2. System on Chip Architecture 3. Network Security & Cryptography	Elective - IV : 1.CMOS Analog & Mixed Signal Design 2. Artificial Intelligence 3. Digital Signal Processors and Architectures	Elective - IV : 1. Digital Signal Processors and Architectures 2. Network Security & Cryptography 3. Design for Testability	Elective - IV : 1.Smart Antennas 2.Microcontrollers for Embedded Systems 3.Wireless Communications and Networks	Elective - IV : 1.Network Security & Cryptography 2.Propagation Models for Wireless Communications 3. Software Radio	Elective - III : 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.
21.10.2013 Monday	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
23.10.2013 Wednesday	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
25.10.2013 Friday	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
28.10.2013 Monday	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
30.10.2013 Wednesday	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
01.11.2013 Friday	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. REGULAR EXAMS- (CSE) BRANCH - (R09 - 2009, 2010, 2011 & 2012 BATCHES) - OCTOBER,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
21.10.2013 Monday	Distributed Computing	Distributed Computing	Distributed Computing	Network Programming	Distributed Data Bases
23.10.2013 Wednesday	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
25.10.2013 Friday	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
28.10.2013 Monday	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
30.10.2013 Wednesday	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
01.11.2013 Friday	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

COURSES → DATE & DAY	Computer Networks & Information Security	Web Technologies	Image Processing	Real Time Systems	Computer Networks
21.10.2013 Monday	Wireless Networks	Scripting Languages	Neural Networks	Real Time Systems Programming Languages	Wireless Networks
23.10.2013 Wednesday	Information Security - II	Web Services	Remote Sensing & GIS	Embedded Systems Development	<u>Elective - IV :</u> E-Commerce
25.10.2013 Friday	<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
28.10.2013 Monday	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
30.10.2013 Wednesday	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
01.11.2013 Friday	<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 REGULAR EXAMS - (R09 - 2009, 2010, 2011 & 2012 Batches) - OCTOBER, 2013

TIME: 10.00 A.M TO 1.00 P.M

<u>COURSES →</u> DATE & DAY	Geo Informatics Surveying Technology	Environmental Engineering	Highway Engineering	Structural Engineering
21.10.2013 Monday	Digital Photogrammetry	Air Pollution and Control	Highway Project Formulation & Economics	Finite Element Methods
23.10.2013 Wednesday	GIS Analysis and Applications	Industrial Waste Water Treatment	Pavement Construction, Maintenance & Management	Structural Dynamics
25.10.2013 Friday	Remote Sensing Applications	Solid Waste Management	Transportation Systems Management	Analysis and Design of Shells and Folded Plates
28.10.2013 Monday	GNSS Surveying	Environmental Impact Assessment	Traffic Analysis	Advanced Steel Design
30.10.2013 Wednesday	GIS Project Planning & Management	<u>Elective - III :</u> 1.Ground Water Contamination and Remediation 2.Disaster Management 3.Water Quality Modeling	<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)
01.11.2013 Friday	<u>ELECTIVE - II</u> 1.Digital Image Processing -II 2.Advanced Geo Spatial Technology 3.Remote Sensing and GIS for Environmental Engineering 4.Remote Sensing and GIS for Urban Planning and Management	<u>Elective - IV :</u> 1.Environmental Geotechnology 2.Remote Sensing and GIS 3.Environmental Biotechnology	<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., & NANO TECHNOLOGY) COURSES-

II SEMESTER REGULAR EXAMS - (R09 - 2009, 2010, 2011 & 2012 BATCHES) - OCTOBER,2013

TIME: 10.00 A.M TO 1.00 P.M

COURSES → DATE & DAY	Biotechnology	Chemical Engineering	Aerospace Engineering	Nano Technology
21.10.2013 Monday	Bioreactor Engineering	Advanced Separation Processes	Aircraft Control and Simulation	Material Characterization Techniques
23.10.2013 Wednesday	Genetic Engineering	Advanced Process Control	Space Transportation Systems	Properties of Nano Structures
25.10.2013 Friday	Downstream Processing	Advanced Mathematics in Chemical Engineering	Computational Approaches to Aerospace Vehicle Design	Nano Electronics and Nano Photonics
28.10.2013 Monday	<u>Elective - III / IV / V :</u> Environmental Biotechnology Advanced Immunology and Immunotechnology	<u>Elective - III :</u> 1. Computational Fluid Dynamics 2. Advanced Chemical Engineering Plant Design 3. Industrial Microbial Products	Aerospace Sensors and Measurement Systems	Carbon Nanotubes and Applications
30.10.2013 Wednesday	<u>Elective - III / IV / V :</u> Plant Biotechnology Nano Biotechnology and Nano Devices	<u>Elective - V :</u> 1. Applied Numerical Methods 2. Process Systems Engineering 3. Optimization Techniques in Chemical Engineering	<u>Elective - III :</u> 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	MEMS/NEMS design and application
01.11.2013 Friday	<u>Elective - III / IV / V :</u> Advanced Animal Cell Science and Technology	<u>Elective - IV :</u> 1. Membrane Technology 2. Environmental Impact Assessment 3. Energy Conservation in Chemical Process Industries	<u>Elective - IV:</u> 1. High Angle of Attack Aerodynamics 2. Rocket and Spacecraft Propulsion 3. Mechanics of Composite Materials 4. Tactical Missile Design 5. Optimal Control	Nano Composites - Design and Synthesis

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 : 23.09.2013

**Sd/-XXXXX
CONTROLLER OF EXAMINATIONS**