



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085.

EXAMINATION BRANCH

TIME TABLE

M.TECH. (CHEMICAL ENGG.) & (BIOTECHNOLOGY) COURSES - II-SEMESTER (NR- 2007 / 08 BATCHES) -
SUPPLY EXAMS - APRIL 2013

TIME : 10.00 A.M TO 1.00 P.M

| <u>COURSES →</u> <u>DATE & DAY</u> | <u>CHEMICAL ENGINEERING</u> | <u>BIOTECHNOLOGY</u> |
|---|---|---|
| 23.04.2013 Tuesday | Advanced Process Control | Microbial Bioreactors Engineering |
| 25.04.2013 Thursday | Advanced Separation Processes | Environmental Biotechnology ----- Immunotechnology |
| 27.04.2013 Saturday | Process Modelling and Simulation | Genetic Engineering |
| 30.04.2013 Tuesday | <u>Elective - IV:</u> 1. Membrane Technology 2. Energy Conservation & Chemical Process Industries 3. Artificial Intelligence in Chemical Engineering | Downstream Processing |
| 03.05.2013 Friday | Optimization Techniques in Chemical Engineering | Plant Biotechnology |
| 06.05.2013 Monday | <u>Elective - III:</u> 1. Advanced Chemical Engineering Plant Design 2. Chemical Process Safety 3. Computational Fluid Dynamics | Bioinformatics ----- Animal Cell Science & Technology |
| 08.05.2013 Wednesday | ----- | Biochemical & Biophysical Techniques |

M.TECH. (EEE) BRANCH - II-SEMESTER ((NR- 2007 / 08 BATCHES) - SUPPLY EXAMS - APRIL, 2013

TIME : 10.00 A.M TO 1.00 P.M

| COURSES → DATE & DAY | POWER ELECTRONICS & ELECTRIC DRIVES | CONTROL SYSTEMS | ELECTRICAL POWER SYSTEMS | POWER ELECTRONICS | ELECTRICAL POWER ENGINEERING | POWER ENGG. & ENERGY SYSTEMS | POWER SYSTEMS (HIGH VOLTAGE) |
|---|---|---|---|---|---|---|--|
| 23.04.2013 Tuesday | Dynamics of Electric Machines | Adaptive Control Systems | Neural and Fuzzy Systems | Neural & Fuzzy Systems | Neural and Fuzzy Systems | Electrical Energy Conservation | Partial Discharge in HV Equipment |
| 25.04.2013 Thursday | Elective - IV 1. Prog. Logic Controllers & their Applications 2. Advanced Digital Signal Processing | Advanced Digital Signal Processing | Elective - II : 1. Extra High Voltage Transmission 2. Advanced Digital Signal Processing | Elective - III : 1. Power Quality 2. Digital Control Systems 3. Advanced Digital Signal Processing | Elective - III : 1. Digital Control Systems 2. Advanced Digital Signal Processing 3. Distribution Automation | Elective - III 1. Thermal Power Plants | Surge Phenomena & Insulation Coordination |
| 27.04.2013 Saturday | Power Electronic of Control AC Drives | Optimal Control Theory | Power System Control and Stability | Power Electronic of Control AC Drives | Power Quality | Renewable Energy Resources | Elective - II : 1. Power System Operation & Control |
| 30.04.2013 Tuesday | Elective - III : 1. Power Quality 2. Reliability Engineering | Control System Design | Power System Reliability | Microprocessors & Microcontrollers | Elective - IV : 1. Power System Operation & Control 2. Enterprise Resource Planning 3. Reliability Engineering | Instrumentation | Power System Protection with Static Relays |
| 03.05.2013 Friday | HVDC Transmission | Elective - II : 1. Distributed Control Systems | Advanced Power System Protection | Elective - IV : 1. Reliability Engineering 2. Special Machines & Control 3. Enterprise Resource Planning | Advanced Power System Protection | Advanced Power System Protection | High Voltage Testing Techniques |
| 06.05.2013 Monday | FACTS | Neural Networks & Fuzzy Systems | HVDC Transmission | FACTS | FACTS | Elective - IV : 1. FACTS | Elective - III : 1. FACTS |

M.TECH. (ECE - BRANCH) II-SEMESTER (NR-20007 / 08 BATCHES) - SUPPLY EXAMS - APRIL, 2013

(TIME: 10.00 A.M TO 1.00P.M)

| COURSES → DATE /DAY | EMBEDDED SYSTEMS | DS&CE | DE&CS | VLSI SYSTEM DESIGN | W&MC | COMMUNICATION SYSTEMS | WEB TECHNOLOGIES |
|--------------------------------|--|---|--|--|--|---|---|
| 23.04.2013 Tuesday | Real Time Operating Systems for Embedded Systems | Image Processing | Image Processing | Elective - III : 3. System Modelling & Simulation | Elective - III : 1. Image Processing | Communication Networks | Grid Computing |
| 25.04.2013 Thursday | Elective - III : 1. Advanced Digital Filtering 2. Low Power VLSI Design | Design of Fault Tolerant Systems | Elective - III : 1. Design of Fault Tolerant Systems 2. Low Power VLSI Design | Low Power VLSI Design | Global Positioning Systems | Mobile Communication Systems | Web Security |
| 27.04.2013 Saturday | CPLD & FPGA Architecture & Applications | Elective - III : 1. DSP Processors & Architecture 2. CMOS Analog & Mixed Signal Design | Elective - IV : 1. DSP Processors & Architecture 2. Radar Signal Processing | Elective - IV : 1. DSP Processors & Architecture 2. Advanced Operating Systems 3. Advanced Computer Arch. | Microwave Communications | Adaptive Signal Processing | Data Mining & Web Mining |
| 30.04.2013 Tuesday | Elective - III : 3. Scripting Lang. For VLSI Design Automation | Elective - III : 3. High Speed Networks | Elective - III : 3. High Speed Network | Scripting Language for VLSI Design Automation | Elective - IV: 1. Personal Communication Systems | Elective - III : 1. Radar System Engineering | Advanced Web Technology |
| 03.05.2013 Friday | DSP Processors & Architecture | Embedded and Real Time Systems | Coding Theory & Techniques | Elective - III : 1. Hardware & Software Co- Design 2. Network Security and Cryptography | ----- | Network Security and Cryptography | Elective - I : 1. Information Retrieval Systems 2. Mobile Computing |
| 06.05.2013 Monday | Elective - IV : 1. Design for Testability 2. Micro Electromechanical Systems | Speech Processing | Speech Processing | Design for Testability | Detection & Estimation Theory | Elective - IV : 1. Optical Fiber Communication | Elective - II : 1. Distributed Database Systems |
| 08.05.2013 Wednesday | Elective - IV: 3. Wireless Communication and Networks | Elective - IV: 1. Wireless Communication & Networks 2. Algorithms for VLSI Design Automation | Elective - IV: 3. Wireless Communication and Networks | Algorithms for VLSI Design Automation | Wireless Communication and Network | ----- | Elective - I : 3. Middleware Technologies. |
| 13.05.2013 Monday | Embedded Software Design | Elective - IV: 3. System Modelling & Simulation | Micro Computer System Design | ----- | ----- | ----- | ----- |

M.TECH. (ECE BRANCH) CONTINUATION.....

(TIME: 10.00 A.M TO 1.00P.M)

| COURSES → DATE /DAY | IMAGE PROCESSING | VLSI & EMBEDDED SYSTEMS | EMBEDDED SYSTEMS & VLSI DESIGN | ELECTRONICS & COMMUNICATION ENGG. | COMPUTERS & COMMUNICATION ENGG. | AEROSPACE ENGINEERING |
|--------------------------------|---|---|---|---|---|---|
| 23.04.2013 Tuesday | Advanced AI Concepts | Real Time Operating Systems for Embedded Systems | Real Time Operating Systems for Embedded Systems | Advanced Digital IC Design | Optical Communication & Networks | Atmospheric & Space Flight Mechanics & Control |
| 25.04.2013 Thursday | Robotics & Machine Vision | VLSI Technology & Design | VLSI Technology & Design | Computational Intelligence | Adaptive Signal Processing | Computational Mechanics |
| 27.04.2013 Saturday | Remote Sensing & GIS | DSP Processors & Architecture | DSP Processors & Architecture | Elective - II : 1. Advanced Computer Architecture 2. Wireless & ATM Networks | Elective - IV : Computer Networks | Experimental Methods for Engineers |
| 30.04.2013 Tuesday | Elective - I : 1. Parallel Algorithms 2. Video Processing | CPLD & FPGA Architecture & Appl. | CPLD & FPGA Architecture & Appl. | Telecommunication Switching | Elective - III : Real Time Operating Systems | Engineering Design Optimization |
| 03.05.2013 Friday | Elective - III : 1.DSP with Adaptive Filters 2. Radar Imaging | Elective - IV : 1. Image & Video Processing | Elective - IV : 1. Image & Video Processing | Embedded and Real Time Systems | Mobile Computing | Elective - IV 1.Tactical Missile Design 2.Composite Materials for Aerospace Structures |
| 06.05.2013 Monday | Elective - II : 1. Machine Learning 2.Genetic Algorithm | Elective - III : 1. Networks Security & Cryptography | Elective - III : 1. Networks Security & Cryptography | Elective - III : 1. Cryptography & Networks Security 2. Advanced Instrumentation & Systems Design | Networks Security & Cryptography | Elective - III 1.Aerothermo- dynamics of Hypersonic Flight 2.Dynamics & Control of Structures |

M.TECH.(COMPUTER SCIENCE BRANCH) II-SEMESTER (NR- 2007 / 08 BATCHES) - SUPPL. EXAMS - APRIL,2013

TIME : 10.00 A.M TO 1.00 P.M

| <u>COURSES</u> DATE/ DAY | COMPUTER SCIENCE & ENGINEERING | COMPUTER SCIENCE | SOFTWARE ENGINEERING | INFORMATION TECHNOLOGY | COMPUTER NETWORKS & INFOR. SECURITY | PARALLEL COMPUTING |
|---|---|--|---|---|--|---|
| 23.04.2013 Tuesday | Object Oriented Analysis and Design | Object Oriented Analysis and Design | Software Quality Assurance and Testing | <u>Elective - II:</u> 1. Human Computer Interaction | Information Security - II | Distributed Databases |
| 25.04.2013 Thursday | Data Warehousing and Mining | Data Warehousing and Mining | Data Warehousing and Mining | Network Management Systems | Wireless Networks | Information Security |
| 27.04.2013 Saturday | <u>Elective - I :</u> 1.Neural Networks 2.Advanced Computer Architecture | <u>Elective - II:</u> 1.Neural Networks | <u>Elective - II:</u> 1. Neural Networks 2. Multimedia and Appl. Development 3. Information Retrieval Systems | Information Retrieval Systems | Information Security, Management & Standards | Information Retrieval Systems |
| 30.04.2013 Tuesday | Embedded Systems | <u>Elective - II:</u> 2. Embedded Systems 3.Middleware Techn. | <u>Elective - I:</u> 3.Middleware Techn. | <u>Elective - II:</u> 2.Embedded Systems | Soft Skills - II | Cluster & Grid Computing |
| 03.05.2013 Friday | Network Security and Cryptography | <u>Elective - I:</u> 1.Network Security & Cryptography 2.Web Technologies | <u>Elective - I :</u> 1. Human Computer Interaction 2. Image Processing and Pattern Recognition | Internetworking with TCP/IP | <u>Elective - III:</u> 1. Distributed Systems | <u>Elective - III:</u> 1. Neural Networks |
| 06.05.2013 Monday | <u>Elective - II :</u> 1. Software Project Mngt. 2. Mobile Computing 3. Middleware Techn. | Compiler Design | Information Security | <u>Elective - II :</u> 3. Mobile Computing 4. Software Testing Methodologies | Mobile Computing | <u>Elective - IV:</u> 1. Storage Area Network |
| 08.05.2013 Wednesday | <u>Elective - I :</u> 3.Pattern Recognition & Image Processing | <u>Elective - I :</u> 3.Pattern Recognition & Image Processing | Software Architecture and Design Pattern | Design Patterns | <u>Elective - IV :</u> 1. Network Mngt. & Performance Evaluation | ----- |
| 13.05.2013 Monday | ----- | Software Engineering | ----- | ----- | ----- | ----- |

M.TECH. (MECHANICAL - BRANCH) II-SEMESTER (NR- 2007 / 08 BATCHES) - SUPPL. EXAMS - APRIL, 2013

TIME : 10.00 A.M TO 1.00 P.M

| COURSES → DATE / DAY | ADVANCED MANUFACTURING SYSTEMS | INDUSTRIAL ENGINEERING & MANAGEMENT | CAD/CAM | DESIGN FOR MANUFACTURING |
|---------------------------------|---|---|---|---|
| 23.04.2013 Tuesday | Precision Engineering | Elective - II : 1. Supply Chain Mngt 2. Energy Mngt. | Flexible Manufacturing Systems | Total Quality Management |
| 25.04.2013 Thursday | Advances in CNC Technologies | Reliability Engineering and Maintenance Management | Elective - II : 1. Intelligent Manufacturing Systems 2. Computational Fluid Dynamics | Computer Aided Design |
| 27.04.2013 Saturday | Finite Element Analysis | Management Information Systems | Automation in Manufacturing | Design and Manufacturing of MEMS and Micro Systems |
| 30.04.2013 Tuesday | Intelligent Manufacturing Systems | Simulation Modelling of Manufacturing System | Computer Aided Manufacturing | Performance Modelling and Analysis of Manufacturing Systems |
| 03.05.2013 Friday | Elective - II : 1. Special Manufacturing Process | Marketing Management | Elective- II 3.Computer Aided Process Planning | ----- |
| 06.05.2013 Monday | Simulation Modelling of Manufacturing Systems | Elective - II : 3. Enterprise Resource Planning | Industrial Robotics | Elective - II : 1.Tool Design 2.Industrial Robotics 3.Production & Operations Management |
| 08.05.2013 Wednesday | ----- | Human Resource Management | Design of Hydraulic and Pneumatic Systems | Design of Hydraulic and Pneumatic Systems |

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

Date: 23.03.2013

To

The Principals of JNTUH Affiliated Engineering Colleges (Offering M.Tech. Courses)

Copy to C.E, A.C.E, D.E. Peshi, and Computer Section

CONTROLLER OF EXAMINATIONS