

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.TECH-II SEMESTER NR REGULATION-SUPPLEMENTARY EXAMINATIONS AUGUST 2014

## TIMETABLE

**TIME : 10:00 AM TO 1:00 PM**

| COURSE  | 04-08-2014<br>MONDAY                      | 06-08-2014<br>WEDNESDAY    | 08-08-2014<br>FRIDAY   | 11-08-2014<br>MONDAY                        | 13-08-2014<br>WEDNESDAY  | 16-08-2014<br>SATURDAY   | 18-08-2014<br>MONDAY                   | 19-08-2014<br>TUESDAY |
|---|---|----------------------------|--|---|--|--|--|-----------------------|
| COMPUTER SCIENCE~05                           | OBJECT ORIENTED ANALYSIS & DESIGN         | DATA WAREHOUSING & MINING  | NEURAL NETWORKS  | EMBEDDED SYSTEMS<br>MIDDLEWARE TECHNOLOGIES | WEB TECHNOLOGIES<br>NETWORK SECURITY & CRYPTOGRAPHY                  | COMPILER DESIGN  | PATTERN RECOGNITION & IMAGE PROCESSING | SOFTWARE ENGINEERING  |
| SOFTWARE ENGINEERING~25                       | SOFTWARE QUALITY ASSURANCE & TESTING      | DATA WAREHOUSING & MINING  | NEURAL NETWORKS<br>MULTIMEDIA & APPLICATION DEVELOPMENT<br>INFORMATION RETRIEVAL SYSTEMS | MIDDLE WARE TECHNOLOGIES                    | HUMAN COMPUTER INTERACTION<br>IMAGE PROCESSING & PATTERN RECOGNITION | INFORMATION SECURITY   | SOFTWARE ARCHITECTURE & DESIGN PATTERN |                       |
| COMPUTER NETWORKS AND INFORMATION SECURITY~78 | INFORMATION SECURITY II                   | WIRELESS NETWORKS          | INFORMATION SECURITY MNGT & STANDARDS  | SOFT SKILLS II                              | DISTRIBUTED SYSTEMS  | MOBILE COMPUTING   | NETWORK MNGT. & PERFORMANCE EVALUATION |                       |
| INFORMATION TECHNOLOGY~40                     | ELECTIVE II<br>HUMAN COMPUTER INTERACTION | NETWORK MANAGEMENT SYSTEMS | INFORMATION RETRIEVAL SYSTEMS  | ELECTIVE II<br>EMBEDED SYSTEMS              | INTERNET WORKING WITH TCP/IP   | ELECTIVE II<br>MOBILE COMPUTING<br>SOFTWARE TESTING<br>METHODOLOGIES       | DESIGN PATTERNS                        |                       |
| COMPUTER SCIENCE ENGINEERING~58               | OBJECT ORIENTED ANALYSIS & DESIGN         | DATA WAREHOUSING & MINING  | ADVANCED COMPUTER ARCHITECTURE<br>NEURAL NETWORKS  | EMBEDDED SYSTEMS                            | NETWORK SECURITY & CRYPTOGRAPHY                                      | MOBILE COMPUTING<br>SOFTWARE PROJECT MANAGEMENT<br>MIDDLEWARE TECHNOLOGIES | PATTERN RECOGNITION & IMAGE PROCESSING |                       |
| WEB TECHNOLOGIES~62                           | GRID COMPUTING                            | WEB SECURITY               | DATA MINING & WEB MINING   | ADVANCED WEB TECHNOLOGY                     | ELECTIVE I<br>INFORMATION RETRIEVAL SYSTEMS<br>MOBILE COMPUTING      | DISTRIBUTED DATABASES  | ELECTIVE I<br>MIDDLE WARE TECHNOLOGIES |                       |
| PARALLEL COMPUTING~74                         | DISTRIBUTED DATABASES                     | INFORMATION SECURITY       | INFORMATION RETRIEVAL SYSTEMS  | CLUSTER & GRID COMPUTING                    | NEURAL NETWORKS  | STORAGE AREA NETWORK   |  |                       |

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|---|--|---|---|--|--|--|---|------------------------------------|
| IMAGE<br>PROCESSING~63                                | ADVANCED<br>ARTIFICIAL<br>INTELLIGENCE<br>CONCE. | ROBOTICS & MACHINE<br>VISION                              | REMOTE SENSING<br>& GIS   | ELECTIVE I<br>VIDEO PROCESSING<br>PARALLEL<br>ALGORITHMS | ELECTIVE III<br>RADAR IMAGING<br>DSP WITH<br>ADAPTIVE<br>FILTERS | ELECTIVE II<br>GENETIC ALGORITHMS<br>MACHINE LEARNING                              |   |                                    |
| EMBEDDED<br>SYSTEMS~55                                | REAL TIME OPE.<br>SYSTEM FOR<br>EMBEDDED SYS.    | LOW POWER VLSI<br>DESIGN<br>ADVANCED DIGITAL<br>FILTERING | CPLD & FPGA<br>ARCHITECTURE &<br>APPLICATIONS                                   | SCRIPTING LANG. FOR<br>VLSI DESIGN AUTO.                 | DSP PROCESSORS<br>&<br>ARCHITECTURES                             | MICRO<br>ELECTROMECHANICAL<br>SYSTEMS<br>DESIGN FOR<br>TESTABILITY                 | WIRELESS<br>COMMUNICATIONS<br>& NETWORKS  | EMBEDDED<br>SOFTWARE<br>DESIGN     |
| COMMUNICATION<br>SYSTEMS~61                           | COMMUNICATION<br>NETWORKS                        | MOBILE<br>COMMUNICATION<br>SYSTEMS                        | ADAPTIVE SIGNAL<br>PROCESSING   | RADAR SYSTEM<br>ENGINEERING                              | NETWORK<br>SECURITY &<br>CRYPTOGRAPHY                            | OPTICAL FIBER<br>COMMUNICATIONS  |   |                                    |
| ELECTRONICS<br>AND<br>COMMUNICATION<br>ENGINEERING~70 | ADVANCED<br>DIGITAL IC<br>DESIGN                 | COMPUTATIONAL<br>INTELLIGENCE                             | ADVANCED<br>COMPUTER<br>ARCHITECTURE<br>WIRELESS & ATM<br>NETWORKS              | TELECOMMUNICATION<br>SWITCHING                           | EMBEDDED &<br>REAL TIME<br>SYSTEMS                               | ADVANCED<br>INSTRUMENTATION &<br>SYS. DESIGN<br>CRYPTOGRAPHY &<br>NETWORK SECURITY |   |                                    |
| EMBEDDED<br>SYSTEMS & VLSI<br>DESIGN~77               | REAL TIME OPE.<br>SYS. FOR<br>EMBEDDED SYS.      | VLSI TECHNOLOGY &<br>DESIGN                               | DSP PROCESSORS<br>& ARCHITECTURE  | CPLD & FPGA<br>ARCHITECTURE &<br>APPLICATIONS            | IMAGE & VIDEO<br>PROCESSING                                      | NETWORK SECURITY &<br>CRYPTOGRAPHY   |   |                                    |
| COMPUTER<br>AND<br>COMMUNICATION<br>ENGINEERING~36    | OPTICAL<br>COMMUNICATION<br>& NETWORKS           | ADAPTIVE SIGNAL<br>PROCESSING                             | COMPUTER<br>NETWORKS<br>(INTERNET<br>WORKING)                                   | REAL TIME<br>OPERATING SYSTEMS                           | MOBILE<br>COMPUTING  | NETWORK SECURITY &<br>CRYPTOGRAPHY   |   |                                    |
| WIRELESS<br>AND MOBILE<br>COMMUNICATION~65            | IMAGE<br>PROCESSING                              | GLOBAL POSITIONING<br>SYSTEMS                             | MICROWAVE<br>COMMUNICATIONS   | PERSONAL<br>COMMUNICATION<br>SYSTEMS                     |  | DETECTION &<br>ESTIMATION THEORY   | WIRELESS<br>COMMUNICATION<br>AND NETWORKS   |                                    |
| DIGITAL<br>SYSTEM & COMPUTER<br>ELECTRONICS~06        | IMAGE<br>PROCESSING                              | DESIGN OF FAULT<br>TOLERANT SYSTEMS                       | CMOS ANALOG &<br>MIXED SIGNAL<br>DESIGN<br>DSP PROCESSORS<br>&<br>ARCHITECTURES | HIGH SPEED<br>NETWORKS                                   | EMBEDDED &<br>REAL TIME<br>SYSTEMS                               | SPEECH PROCESSING  | WIRELESS<br>COMMUNICATIONS<br>& NETWORKS<br>ALGORITHMS FOR<br>VLSI DESIGN<br>AUTOMATION | SYSTEM<br>MODELING &<br>SIMULATION |

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|---|--|---|--|---|---|--|--|------------------------------|
| DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS/ENGG-38 | IMAGE PROCESSING                             | LOW POWER VLSI DESIGN<br>DESIGN OF FAULT TOLERANT SYSTEMS         | RADAR SIGNAL PROCESSING<br>DSP PROCESSORS & ARCHITECTURES                                      | HIGH SPEED NETWORKS                     | CODING THEORY & TECHNIQUES                                    | SPEECH PROCESSING  | WIRELESS COMMUNICATIONS & NETWORK      | MICRO COMPUTER SYSTEM DESIGN |
| VLSI SYSTEM DESIGN / VLSI DESIGN-57                   | SYSTEM MODELIGN & SIMULATION                 | LOW POWER VLSI DESIGN   | ADVANCED COMPUTER ARCHITECTURE<br>DSP PROCESSORS & ARCHITECTURES<br>ADVANCED OPERATING SYSTEMS | SCRIPTING LANG. FOR VLSI DESIGN AUTO.   | NETWORK SECURITY & CRYPTOGRAPHY<br>HARDWARE SOFTWARE CODESIGN | DESIGN FOR TESTABILITY   | ALGORITHMS FOR VLSI DESIGN AUTOMATION  |                              |
| VLSI AND EMBEDDED SYSTEMS-68                          | REAL TIME OPE. SYSTEM FOR EMBEDDED SYS.      | VLSI TECHNOLOGY & DESIGN  | DSP PROCESSORS & ARCHITECTURE  | CPLD & FPGA ARCHITECTURE & APPLICATIONS | IMAGE & VIDEO PROCESSING                                      | NETWORKS SECURITY & CRYPTOGRAPHY   |  |                              |
| DESIGN FOR MANUFACTURING-52                           | TOTAL QUALITY MANAGEMENT                     | COMPUTER AIDED DESIGN   | DESIGN & MFG. OF MEMS & MICROSYSTEMS   | PERFORMANCE MOD.& ANALYSIS OF MFG. SYS. |   | INDUSTRIAL ROBOTICS<br>PRODUCTION & OPERATIONS MANAGEMENT<br>TOOL DESIGN | DESIGN OF HYDRAULICS & PNEUMATICS SYS. |                              |
| CAD/CAM-04  | FLEXIBLE MANUFACTURING SYSTEMS               | INTELLIGENT MANUFACTURING SYSTEMS<br>COMPUTATIONAL FLUID DYNAMICS | AUTOMATION IN MANUFACTURING  | COMPUTER AIDED MANUFACTURING            | COMPUTER AIDED PROCESS PLANNING                               | INDUSTRIAL ROBOTICS  | DESIGN OF HYDRAULIC & PNEUMATIC SYS.   |                              |
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| ELECTRICAL<br>POWER SYSTEM~07                     | NEURAL<br>NETWORKS &<br>FUZZY SYSTEMS            | EHV AC<br>TRANSMISSION<br>ADVANCED DIGITAL<br>SIGNAL PROCESSING                                   | POWER SYSTEM<br>CONTROL &<br>STABILITY          | POWER SYSTEM<br>RELIABILITY   | ADVANCED<br>POWER SYSTEM<br>PROTECTION   | HIGH VOLTAGE DC<br>TRANSMISSION        |                      |                       |
| POWER<br>ELECTRONICS~43                           | NEURAL & FUZZY<br>SYSTEMS                        | POWER QUALITY<br>ADVANCED DIGITAL<br>SIGNAL PROCESSING<br>DIGITAL CONTROL<br>SYSTEMS              | POWER<br>ELECTRONICS<br>CONTROL OF AC<br>DRIVES | MICROPROCESSORS &<br>MICROCONTROLLERS   | SPECIAL<br>MACHINES &<br>CONTROL<br>ENTERPRISE<br>RESOURCE<br>PLANNING<br>RELIABILITY<br>ENGINEERING | FLEXIBLE AC<br>TRANSMISSION<br>SYSTEMS |                      |                       |
| POWER<br>ENGINEERING AND<br>ENERGY<br>SYSTEMS~64  | ELECTRICAL<br>ENERGY<br>CONVERSION               | THERMAL POWER<br>PLANTS   | RENEWABLE<br>ENERGY SOURCES                     | INSTRUMENTATION   | ADVANCED<br>POWER SYSTEM<br>PROTECTION   | FLEXIBLE AC<br>TRANSMISSION<br>SYSTEMS |                      |                       |
| POWER<br>SYSTEM (HIGH<br>VOLTAGE)~56              | PARTIAL<br>DISCHARGES IN<br>HIGH VOLTAGE<br>EQU. | SURGE PHENOMENA &<br>INSULATION<br>COORDINAT.   | POWER SYSTEM<br>OPERATION &<br>CONTROL          | POWER SYS.<br>PROTECTION WITH<br>STAT. RELAYS   | HIGH VOLTAGE<br>TESTING<br>TECHNIQUES  | FLEXIBLE AC<br>TRANSMISSION<br>SYSTEMS |                      |                       |
| CONTROL<br>SYSTEMS~75                             | ADAPTIVE<br>CONTROL<br>SYSTEMS                   | ADVANCED DIGITAL<br>SIGNAL PROCESSING   | OPTICAL<br>CONTROL THEORY                       | CONTROL SYSTEM<br>DESIGN  | DISTRIBUTED<br>CONTROL<br>SYSTEMS  | NEURAL NETWORKS &<br>FUZZY SYSTEMS     |                      |                       |
| ELECTRICAL<br>POWER<br>ENGINEERING~49             | NEURAL & FUZZY<br>SYSTEMS                        | DIGITAL CONTROL<br>SYSTEMS<br>ADVANCED DIGITAL<br>SIGNAL PROCESSING<br>DISTRIBUTION<br>AUTOMATION | POWER QUALITY                                   | POWER SYSTEM<br>OPERATION &<br>CONTROL<br>RELIABILITY<br>ENGINEERING<br>ENTERPRISE<br>RESOURCE PLANNING | ADVANCED<br>POWER SYSTEM<br>PROTECTION   | FLEXIBLE AC<br>TRANSMISSION<br>SYSTEMS |                      |                       |
| POWER<br>ELECTRONICS AND<br>ELECTRIC<br>DRIVES~54 | DYNAMICS OF<br>ELECTRIC<br>MACHINES              | PROG. LOGIC<br>CONTROLLERS & ITS<br>APPL.<br>ADVANCED DIGITAL<br>SIGNAL PROCESSING                | POWER<br>ELECTRONICS<br>CONTROL AC<br>DRIVES    | POWER QUALITY<br>RELIABILITY<br>ENGINEERING   | HVDC<br>TRANSMISSION   | FLEXIBLE AC<br>TRANSMISSION<br>SYSTEMS |                      |                       |

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| AEROSPACE<br>ENGINEERING~76 | ATMOSPHERIC &<br>SPACE FLIGHT<br>MECH.& CONT | COMPUTATIONAL<br>MECHANICS                       | EXPERIMENTAL<br>METHODS FOR<br>ENGINEERS | ENGINEERING DESIGN<br>& OPTIMIZATION  | COMPOSITE<br>MATERIALS FOR<br>AEROSPACE STRU<br>TACTICAL<br>MISSILE DESIGN | DYNAMICS & CONTROL<br>STRUCTURES<br>AERODYNAMICS OF<br>HYPERSONIC FLIGHT                                 |   |                       |
| CHEMICAL<br>ENGINEERING~51  | ADVANCED<br>PROCESS<br>CONTROL               | ADVANCED<br>SEPARATION<br>PROCESSES              | PROCESS<br>MODELLING &<br>SIMULATION     | ARTIFICIAL<br>INTELLIGENCE IN<br>CHEM. ENGG.<br>ENERGY<br>CONSERVATION &<br>CHEM. PROC. INDL.<br>MEMBRANE<br>TECHNOLOGY | OPTIMIZATION<br>TECH. IN<br>CHEMICAL ENGG.                                 | COMPUTATIONAL<br>FLUID DYNAMICS<br>CHEMICAL PROCESS<br>SAFETY<br>ADVANCED CHEMICAL<br>ENGG. PLANT DESIGN |   |                       |
| BIOTECHNOLOGY~03            | MICROBIAL<br>BIOREACTOR<br>ENGINEERING       | IMMUNOTECHNOLOGY<br>ENVIRONMENT<br>BIOTECHNOLOGY | GENETIC<br>ENGINEERING                   | DOWN STREAM<br>PROCESSING   | PLANT<br>BIOTECHNOLOGY   | ANIMAL CELL SCIENCE<br>& TECHNOLOGY<br>BIOINFORMATICS  | BIOCHEM. &<br>BIOPHYSICAL<br>TECHNIQUES |                       |

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### NOTE:

- (i). ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
- (ii). EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES.THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL