**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**EXAMINATION BRANCH, KAKINADA - 533003**

IV B.TECH - I SEMESTER (R10) REGULAR / SUPPLEMENTARY EXAMINATIONS, NOVEMBER - 2014 R E V I S E D T I M E T A B L E

TIMING: 10.00 AM TO 01.00 PM

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| **Branch** | **17.11.2014**  **(Monday)** | **19.11.2014**  **(Wednesday)** | **21.11.2014**  **(Friday)** | **24.11.2014**  **(Monday)** | **26.11.2014**  **(Wednesday)** | **28.11.2014**  **(Friday)** |
| **Civil Engineering** | Geotechnical Engineering - II (R41011) | Design & Drawing of Irrigation Structures (R41012) | Environmental Engineering (R41013) | Remote Sensing and GIS Applications (R41014) | Earthquake Resistant Design (R41015), Ground Improvement Techniques (R41016), Urban Transportation Planning (R41017) | **OPEN ELECTIVES**  Air Pollution and Control (R41018), Disaster Management (R41019), Industrial Water & waste Water Management (R4101A), Architecture and Town Planning (R4101B), Energy Audit, Conservation and Management (R41025), Instrumentation (R41026), Non  Conventional Sources of Energy (R41027)(except EEE branch students), Optimization Techniques (R41028)(except EEE branch students), MEMS (R41035), Industrial Robotics (R41036)(Except for Mechanical Students), |
| **Electrical & Electronics Engineering** | Computer Organization (R41021) | High Voltage Engineering (R41022) | Switch Gear & Protection (R41023) | Power System Operation  & Control (R41024) | VLSI Design (R41029),  Electrical Distribution Systems (R4102A) , Optimization Techniques (R4102B) |
| **Mechanical Engineering** | Refrigeration & Air Conditioning (R41031) | CAD/CAM (R41032)  (Common to ME/AME) | Alternative Sources of Energy(R41033) | Unconventional Machining Processes(R41034) | Automobile Engineering (R41037),  Computational Fluid Dynamics (R41038), Condition Monitoring (R41039), Rapid  Prototyping (R4103A) |
| **Electronics & Communication Engineering** | OPTICAL COMMUNICATIONS (R41041) | EMBEDDED SYSTEMS (R41042)  (Common to ECE/ECC) | DIGITAL IMAGE PROCESSING (R41043)  (Common to ECE/ECC) | RADAR SYSTEMS (R41044) | TELECOMMUNICATI ON SWITCHING SYSTEMS (R41045), ANALOG IC DESIGN (R41046), **OBJECT ORIENTED PROGRAMMING**  **(R41047) (Common to**  **ECE/Bio-Medical)** |

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| **Computer Science & Engineering** | **Cryptography and Network Security(R41051)**  **( Common to CSE/IT)** | UML & Design Patterns (R41052) | **Data Ware Housing and Data Mining(R41053) (Common to CSE/IT)** | **Mobile Computing(R41054) (Common to CSE/IT)** | Computer Forensics(R41059), Cloud Computing(R4105A), Software Project Management(R4105B), Machine Learning(R4105C), Distributed Databases(R4105D) | Bio-Medical Engineering (R41048)(Common to ECE/Bio-Medical), Image Processing (R41049) (Except ECE  and Bio-Medical Engg students)(Common to ECE/Bio-Medical), Principales of Signals, Systems and Communications (R4104A)(Except ECE  Students), Matlab (R41055)(Except CSE,  IT, ECE, EEE Students), Web Services (R41056) (Except CSE, IT Students), Open Source Software (R41057), Cyber Laws (R41058), Industrial Pollution Control Engineering (R41085)(Except Chemical students), Design and Analysis of Experiments (R41086)(Except Chemical Students), Green Fuel Technologies (R41087)(Except Chemical and petroleun Engg students), Avionics (R41215) Industrial Engineering and Management (R41216) |
| **Chemical Engineering** | **Transport Phenomena (R41081) (Common to CHE/PE)** | Plant Design for Chemical Engineers (R41082) | Process Modelling and Simulation (R41083) | Computational Methods in Chemical Engineering (R41084) | Industrial Biotechnology (R41088) ,  Nanotechnology (R41089), Polymer Technology (R4108A) |
| **Electronics & Instrumentation Engineering** | **Computer Networks(R41105) (Common to EIE/Bio- Medical),** Power Plant Instrumentation(R41106) , Embedded and Real Time Systems(R41107) | Digital Signal Processing (R41102) | Process Control Instrumentation (R41103) | Automation of Industrial Processes (R41101) | P C Based Instrumentation (R41104) |
| **Bio Medical Engineering** | **Computer Networks (R41105) (Common to EIE/Bio-Medical)** | **Image Processing (R41113)**  **(Only for Bio-Medical Engg Students)** | Artificial Neural Networks (R41112) | Rehabilitation Engineering (R41114) | Operating Systems(R41116), Telemedicine(R41117) , **OBJECT ORIENTED PROGRAMMING**  **(R41047) (Common to**  **ECE/Bio-Medical)** |