**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**E X A M I N A T I O N B R A N C H**

**IV YEAR B.TECH - I SEMESTER– R15 REGULATION- II- MID TERM EXAMINATIONS NOVEMBER-2018**

**T I M E T A B L E**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **12-11-2018 FN** **MONDAY** | **12-11-2018 AN** **MONDAY** | **13-11-2018 FN****TUESDAY** | **13-11-2018 AN****TUESDAY** | **14-11-2018 FN****WEDNESDAY** | **14-11-2018 AN****WEDNESDAY** |
| **CIVIL****ENGINEERING****(01-C E)** | Remote Sensing & GIS | Transportation Engineering -II | Estimating & Costing | Water Resources Engineering-II | ELECTIVE-IIFinite Element Methods | ELECTIVE-IIIAdvanced Structural Design |
| Advanced Foundation Engineering | Earth and Rock fill Dams and Slope Stability |
| Watershed Management | Water Resources Systems Analysis |
| Air Pollution and Control | Industrial Waste Water Treatment |
| **ELECTRICAL AND****ELECTRONICS****ENGINEERING****(02-E E E)** | Switch Gear and Protection | Utilization of Electrical Energy | Digital Signal Processing | Power System Operation and Control | Elective-IHigh Voltage Engineering | Elective-IIOptimization Techniques |
| VLSI Design | Electrical Distribution Systems |
| Digital Control Systems | Electrical Estimation and Costing |
| Data Structures |

**DATE:25-10-2018**

Sd/-

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| **MECHANICAL****ENGINEERING****(03-M E)** | Operations Research | Power Plant Engineering | CAD/CAM | Instrumentation and Control Systems | ELECTIVE – I Robotics | ELECTIVE – II Unconventional Machining Processes |
| Mechanical Vibrations |
| Mechatronics |
| Mechanics of Composite Materials  | CNC Technology |
| Industrial Management | Automation in Manufacturing |
| Design for Manufacturing |
| Nanotechnology |
| **ELECTRONICS AND****COMMUNICATIONS****ENGINEERING****(04-E C E)** | Management Science | Computer Networks | Microwave Engineering | Cellular and Mobile Communications | Elective – IDigital Image Processing | Elective -II:Television Engineering |
| Multimedia and Signal Coding | Optical Communications |
| Object Oriented Programming through Java | Embedded Systems Design |
| **DATE:25-10-2018** Sd/-**CONTROLLER OF EXAMINATIONS****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****KUKATPALLY - HYDERABAD – 5000 85****E X A M I N A T I O N B R A N C H****IV YEAR B.TECH - I SEMESTER– R15 REGULATION- II- MID TERM EXAMINATIONS NOVEMBER-2018****T I M E T A B L E**TIME FN: 10.00 AM TO 11.30 AM  **AN: 02.00 PM TO 03.30 PM** |
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| **COMPUTER****SCIENCE AND****ENGINEERING****(05-C S E)** | Cloud Computing | Design Patterns | Data Warehousing and Data Mining | Linux Programming  | ELECTIVE – I Software Project Management | ELECTIVE – II Machine Learning |
| Image processing and Pattern Recognition | Soft Computing |
| Mobile Computing | Information Retrieval Systems |
| Computer Graphics | Artificial Intelligence |
| Operations Research | Computer Forensics |
| Big data analytics(Associate analytics-II) |
| Information Security assessments and audits(security analyst-2) |
| **CHEMICAL****ENGINEERING****(08-C H E M)** | Transport Phenomena | Process Dynamics & Control | Chemical Process Equipment Design | Process Modeling and Simulation | ELECTIVE-I Biochemical Engineering | ELECTIVE - II Polymer Technology |
| Computational Fluid Dynamics | Petroleum and Petrochemical Technology |
| Nanotechnology | Chemical Process Optimization |
| **ELECTRONICS AND****INSTRUMENTATIO****N ENGINEERING****(10-E I E)** | Analytical Instrumentation | VLSI Design | Embedded Systems  | PC Based Instrumentation | Elective –ITelemetry and Telecontrol | Elective – II Computer Networks |
| Optoelectronics & Laser Instrumentation | Digital Control Systems |
| Robotics and Automation | Medical Instrumentation |

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| **BIO-MEDICAL****ENGINEERING****(11-B M E)** | Medical Image Processing  | Computer Networks  | Rehabilitation Engineering | Biomedical Signal Processing | ELECTIVE – I Lasers & Fiber Optic Instrumentation | ELECTIVE – II Embedded & Real Time Systems |
| Artificial Neural Networks  | VLSI Design |
| Nanotechnology | DSP Processors & Architectures  |
| **INFORMATION****TECHNOLOGY****(12- I T)** | Information Security  | Design Patterns | Mobile Application Development  | Information Retrieval Systems  | ELECTIVE – I Wireless Networks and Mobile Computing | ELECTIVE – II Software Project Management |
| Image Processing and Pattern Recognition | Computer Graphics |
| Soft Computing | Human Computer Interaction |
| Semantic Web and Social Networks | Scripting Languages |
| Operations Research  | Computer Forensics |
| Big data analytics(Associate analytics-II) |
| Information Security assessments and audits( (security analyst-2) |

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| **MECHANICAL****ENGINEERING****(MECHATRONICS)****(14-MCT)** | Operations Research  | Microprocessors and Micro Controllers | Robotics & its applications | Motion Control Design | ELECTIVE-I Product Design and Assembly Automation | ELECTIVE-II Power Plant Engineering |
| Renewable Energy Sources | Computer Organization |
| Computational Fluid Dynamics | Flexible Manufacturing System |
|  Data Structures | Advanced Kinematics and Dynamics of Machinery |
| **ELECTRONICS AND****TELEMATICS****ENGINEERING****(17-E T M)** | Management Science | Multimedia and Signal Coding | Advanced Tele communication Technologies | Electronic Measurements and Instrumentation | ELECTIVE -I: Digital Image Processing | ELECTIVE -II: Optical Communications |
| Digital Signal Processors and Architectures | Digital Control Systems |
| Spread Spectrum Communications | Embedded Systems Design |

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| **METALLURGICAL****AND MATERIAL****ENGINEERING****(18-M M T)** | Management Science | Electro Metallurgy and Corrosion | Material Characterization Techniques | Non Destructive Testing | ELECTIVE I Ceramic Science and Technology | ELECTIVE II Semi Conductors and Magnetic Materials |
| X- Ray Diffraction | Metallurgical Problems |
| Light Metals and Alloys | Polymeric Materials |
| Probability & Statistics |
| **AERONAUTICAL****ENGINEERING****(21-A E)** | Airframe Structural Design | Mechanical Vibrations and Structural Dynamics | CAD/CAM | Control Theory – Application to Flight Control Systems | ELECTIVE – IAdvanced Computational Aerodynamics | ELECTIVE - IISpace Mechanics |
| Experimental Aerodynamics |
| Flight Scheduling and Operations |
| Mechanisms and Mechanical Design |
| Operations Research |
| Theory of Elasticity | Aircraft Maintenance Engineering |

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| **AUTOMOBILE****ENGG.****(24 – AME)** | Automotive Electrical and Autotronics | Automotive chassis and Suspension | CAD/CAM | Instrumentation and Control Systems | ELECTIVE – IMetrology & Surface Engineering | ELECTIVE – IIMicro Processors and Micro Controllers |
| Automotive Pollution and Control | Computational Fluid Dynamics |
| Finite Element Methods |
| Mechatronics | Vehicle Body Engineering and Safety |
| Mechanical Vibrations | Operations Research |
| Robotics |
| **MINING****ENGINEERING****(25 – MIE)** | Operations Research | Rock Mechanics | Mineral Processing | Mine Legislation | ELECTIVE-IRock Slope Engineering | ELECTIVE-IIComputer Applications in Mining |
| Mine Subsidence Engineering | Mine Construction Engineering |
| Rock Excavation Engineering |
| Rock Fragmentation Engineering | Tunneling Engineering |
| Mine Economics | Strata Control Technology |

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| **PETROLIUM ENGG.****(27 – PTME)** | Enhanced oil Recovery Techniques | Petroleum Refinery Engineering | Health, Safety & Environment in Petroleum Industry | Petroleum Management, Marketing & Finance | ELECTIVE - INatural Gas Processing | ELECTIVE - IIOffshore Engineering |
| Coal Bed Methane Engineering | Horizontal Well Technology |
| Petro Chemical Engineering | Optimization of Upstream Processes |
| Mass Transfer Operations | ChemicalReaction Engineering-1 |
| Material Science |
| **CIVIL &****ENVIRONMENTAL****ENGINEERING****(28-C E E)** | Transportation Engineering | Solid waste Management | Estimating & Costing | Air Pollution and Control | ELECTIVE-IIIndustrial Waste Water Treatment | ELECTIVE-IIIEnvironmental Sanitation |
| Environmental Pollution of Soil & Remediation | Finite Element Methods |
| Watershed Management | Remote Sensing & GIS |

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| **MECHANICAL****ENGINEERING****(MATERRIAL****SCIENCE & NANO****TECHNOLOGY)****(29 – MSNT)** | Operations Research | Carbon Nano Tubes and their Applications | CAD/CAM | MetrologyInstrumentationand Control Systems | ELECTIVE - IRobotics | ELECTIVE - IIMechanical behavior of Nano Materials |
| Mechanical Vibrations | Nano Sensors and Actuators |
| CNC Technology | MEMS/ NEMSDesign and Applications |
| Mechanics of Composite Materials | Surface Engineering |
| Automobile Engineering |
|  **AGRICULTURE****ENGINEERING****(30 - ACE)** | Micro Irrigation Engineering | Farm Machinery and Equipments-I | Post HarvestEngineering for Horticulture Produce | Agro Industries and Bi- productUtilization | ELECTIVE - IOperations Research | ELECTIVE - IIWatershed Planning and Management |
| Drying and Storage Engineering | Mechanical Measurements and Instrumentation |
| Managerial economics & financial Analysis | Computational Fluid Dynamics |
| Food Processing Plant Design and Layout |

1. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
2. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL
3. READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.

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