

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– R13 REGULATION- SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER-2018

T I M E T A B L E

T I M E : 2.00 PM TO 5:00 PM

| BRANCH | 26-11-2018 MONDAY | 28-11-2018 WEDNESDAY | 30-11-2018 FRIDAY | 03-12-2018 MONDAY | 05-12-2018 WEDNESDAY | 08-12-2018 SATURDAY | 13-12-2018 THURSDAY | 15-12-2018 SATURDAY |
|--|--|---|--|------------------------------------|--|-----------------------------------|--|---|
| CIVIL ENGINEERING (01-C E) | Remote Sensing & GIS (Comm. To CE, CEE) | Watershed Management (COMM. To CE, CEE, ACE) | Estimating & Costing (Comm. To CE, CEE) | Water Resources Engineering-II | Advanced Foundation Engineering | Transportation Engineering -II | Advanced Structural Design | Air Pollution and Control (Comm. To CE, CEE) |
| | | | | | Finite Element Methods (Comm. To CE, CEE) | | Earth and Rock fill Dams and Slope Stability | |
| | | | | | Water Resources Systems Analysis | | Industrial Waste Water Treatment (Comm. To CE, CEE) | |
| | | | | | Industrial Waste Water Treatment (Comm. To CE, CEE) | | Industrial Waste Water Treatment (Comm. To CE, CEE) | |
| ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E) | VLSI Design (Comm to EEE, EIE, BME) | Utilization of Electrical Energy | Digital Signal Processing | Power System Operation and Control | Digital Control Systems (comm. To EEE, EIE) | Optimization Techniques | Switch Gear and Protection | -- |
| | | | | | High Voltage Engineering | Electrical Distribution Systems | | |
| | | | | | Data structures | Electrical Estimation and Costing | | |
| | | | | | Data structures | Electrical Estimation and Costing | | |

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| MECHANICAL ENGINEERING (03-M E) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE) | Power Plant Engineering (Comm. To ME, MCT) | CAD/CAM (Comm. To ME, AE, AME, MSNT) | Instrumentation and Control Systems (Comm. To ME, AME) | Robotics (Comm. To ME, AME, MSNT) | Unconventional Machining Processes | -- | -- |
| | | | | | Mechanical Vibrations (Comm. TO ME, AME, MSNT) | CNC Technology (Comm. To ME, MSNT) | | |
| | | | | | Mechatronics (Comm. To ME, AME) | Automation in Manufacturing | | |
| | | | | | Mechanics of Composite Materials (Comm. To ME, MSNT) | Design for Manufacturing | | |
| | | | | | Industrial Management | Nanotechnology (Comm. To ME, CHEM, BME) | | |

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| ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E) | Management Science (Comm. To ECE, ETM, MMT) | Microwave Engineering | Computer Networks (Comm. To ECE, EIE, BME) | Multimedia and Signal Coding (Comm. To ECE, ETM) | Digital Image Processing (Comm. To ECE, ETM) | Television Engineering | Cellular and Mobile Communications | -- |
| | | | | | Object Oriented Programming through Java | Optical Communications (Comm. To ECE, ETM) | | |
| | | | | | | Embedded Systems Design (Comm. To ECE, ETM) | | |
| COMPUTER SCIENCE AND ENGINEERING (05-C S E) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME, MIE, MSNT, ACE) | Design Patterns (Comm. To CSE, IT) | Linux Programming | Cloud Computing | Software Project Management (Comm. To CSE, IT) | Machine Learning | Information Retrieval Systems (Comm. To CSE, IT) | Data Warehousing and Data Mining |
| | Image processing and Pattern Recognition (Comm. To CSE, IT) | | | | | Soft Computing (Comm. To CSE, IT) | | |
| | Big data analytics(Associate analytics-II) (Comm. To CSE, IT) | | | | | Artificial Intelligence | | |
| | Information Security assessments and audits(security analyst-2) (Comm. To CSE, IT) | | | | | Computer Graphics (Comm. To CSE, IT) | | |

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|---|-------------------------------------|----------------------------|--|---------------------------------|---|---|-------------------------------|------------------------|
| CHEMICAL ENGINEERING (08-C H E M) | Transport Phenomena | Process Dynamics & Control | Chemical Process Equipment Design | Process Modeling and Simulation | Polymer Technology | Nanotechnology (Comm. To ME, CHEM, BME) | -- | -- |
| | | | | | Petroleum and Petrochemical Technology | Biochemical Engineering | | |
| | | | | | Chemical Process Optimization | Computational Fluid Dynamics | | |
| ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E) | VLSI Design (Comm to EEE, EIE, BME) | Analytical Instrumentation | Computer Networks (Comm. To ECE, EIE, BME) | PC Based Instrumentation | Digital Control Systems (comm. To EEE, EIE) | Telemetry and Telecontrol | Embedded Systems | -- |
| | | | | | Bio Medical Instrumentation | Optoelectronics & Laser Instrumentation | | |
| | | | | | | Robotics and Automation | | |
| BIO-MEDICAL ENGINEERING (11-B M E) | VLSI Design (Comm to EEE, EIE, BME) | Medical Image Processing | Computer Networks (Comm. To ECE, EIE, BME) | Rehabilitation Engineering | Embedded & Real Time Systems | Nanotechnology (Comm. To ME, CHEM, BME) | Bio Medical Signal Processing | -- |
| | | | | | DSP Processors & Architectures | Lasers & Fiber Optic Instrumentation | | |
| | | | | | | Artificial Neural Networks | | |

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| INFORMATION TECHNOLOGY (12-IT) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE) | Design Patterns (Comm. To CSE, IT) | Informati on Security | Mobile Application Development | Software Project Management (Comm. To CSE, IT) | Soft Computing (Comm. To CSE, IT) | Information Retrieval Systems (Comm. To CSE, IT) | |
| | Image processing and Pattern Recognition (Comm. To CSE, IT) | | | | Computer Graphics (Comm. To CSE, IT) | | | |
| | Wireless Networks and Mobile Computing | | | | Human Computer Interaction | | | |
| | Semantic Web and Social Networks | | | | Scripting Languages | | | |
| | Big data analytics(Associate analytics-II) (Comm. To CSE, IT) | | | | Computer Forensics | | | |
| | Information Security assessments and audits (security analyst-2) (Comm. To CSE, IT) | | | | | | | |

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| MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE) | Power Plant Engineering (Comm. To ME, MCT) | Robotics & its applications | Motion Control Design | Product Design and Assembly Automation | Microprocessors and Micro Controllers (Comm. To MCT, AME) | Computational Fluid Dynamics (Comm. To MCT, AME, ACE) | -- |
| | | Computer Organization | | | Renewable Energy Sources | | | |
| | | Flexible Manufacturing System | | | Data Structures | | | |
| | | Advanced Kinematics and Dynamics of Machinery | | | | | | |
| ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M) | Management Science (Comm. To ECE, ETM, MMT) | Advanced Tele communication Technologies | Electronic Measurements and Instrumentation | Multimedia and Signal Coding (Comm. To ECE, ETM) | Digital Image Processing (Comm. To ECE, ETM) | Optical Communications (Comm. To ECE, ETM) | -- | -- |
| | | | | | Digital Signal Processors and Architectures | Embedded Systems Design (Comm. To ECE, ETM) | | |
| | | | | | Spread Spectrum Communications | Digital Control Systems | | |

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| METALLURGICAL AND MATERIAL ENGINEERING (18-M M T) | Management Science (Comm. To ECE, ETM, MMT) | Electro Metallurgy and Corrosion | Material Characterization Techniques | Non Destructive Testing | Ceramic Science and Technology | Semi Conductors and Magnetic Materials | -- | -- |
| | | | | | X- Ray Diffraction | Metallurgical Problems | | |
| | | | | | Light Metals and Alloys | Polymeric Materials | | |
| | | | | | Probability & Statistics (Comm. To MMT, AE) | | | |
| AERONAUTICAL ENGINEERING (21-A E) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME, MIE, MSNT, ACE) | Airframe Structural Design | CAD/CAM (Comm. To ME, AE, AME, MSNT) | Mechanical Vibrations and Structural Dynamics | Probability & Statistics (Comm. To MMT, AE) | Space Mechanics | Control Theory – Application to Flight Control Systems | |
| | | | | | Advanced Computational Aerodynamics | Experimental Aerodynamics | | |
| | | | | | Flight Scheduling and Operations | Aircraft Maintenance Engineering | | |
| | | | | | Mechanisms and Mechanical Design | | | |
| | | | | | Theory of Elasticity | | | |

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| AUTOMOBILE ENGG. (24 – AME) | OPERATION S RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE) | Automotive Electrical and Autotronics | CAD/CA M (Comm. To ME, AE, AME, MSNT) | Instrumentation and Control Systems (Comm. To ME, AME) | Robotics (Comm. To ME, AME, MSNT) | Microprocessors and Micro Controllers (Comm. To MCT, AME) | Computational Fluid Dynamics (Comm. To MCT, AME, ACE) | Automotive chassis and Suspension |
| | | | | | Mechatronics (Comm. To ME, AME) | | | |
| | | | | | Metrology & Surface Engineering | Finite Element Methods | | |
| | | | | | Automotive Pollution and Control | Vehicle Body Engineering and Safety | | |
| | | | | | Mechanical Vibrations (Comm. TO ME, AME, MSNT) | | | |
| MINING ENGINEERING (25 – MIE) | OPERATION S RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE) | Rock Mechanics | Mineral Processing | Mine Legislation | Rock Slope Engineering | Computer Applications in Mining | -- | -- |
| | | | | | Mine Subsidence Engineering | Mine Construction Engineering | | |
| | | | | | Rock Excavation Engineering | Tunneling Engineering | | |
| | | | | | Rock Fragmentation Engineering | Strata Control Technology | | |
| | | | | | Mine Economics | | | |

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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 | Natural Gas Processing | Offshore Engineering | -- | -- |
| | | | | | Coal Bed Methane Engineering | Horizontal Well Technology | | |
| | | | | | Petro Chemical Engineering | Optimization of Upstream Processes | | |
| | | | | | Mass Transfer Operations | Chemical Reaction Engineering-1 | | |
| | | | | | Material Science | | | |
| CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E) | Remote Sensing & GIS (Comm. To CE, CEE) | Watershed Management (COMM. To CE, CEE, ACE) | Estimating & Costing (Comm. To CE, CEE) | Transportation Engineering | Finite Element Methods (Comm. To CE, CEE) | Solid waste Management | Industrial Waste Water Treatment (Comm. To CE, CEE) | Air Pollution and Control (Comm. To CE, CEE) |
| | | | | | Environmental Sanitation | | Environmental Pollution of Soil & Remediation | |

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| MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, MSNT, ACE) | Carbon Nano Tubes and their Applications | CAD/CAM (Comm. To ME, AE, AME, MSNT) | Metrology Instrumentation and Control Systems | Robotics (Comm. To ME, AME, MSNT) | CNC Technology (Comm. To ME, MSNT) | Mechanical behavior of Nano Materials | |
| | | | | | Automobile Engineering | | Nano Sensors and Actuators | |
| | | | | | Mechanics of Composite Materials (Comm. To ME, MSNT) | | MEMS/ NEMS Design and Applications | |
| | | | | | Mechanical Vibrations (Comm. TO ME, AME, MSNT) | | Surface Engineering | |

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| AGRICULTURE ENGINEERING (30 - ACE) | OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME, MIE, MSNT, ACE) | Watershed Management (COMM. To CE, CEE, ACE) | Micro Irrigation Engineering | Farm Machinery and Equipments-II | Agro Industries and Bi- product Utilization | Mechanical Measurements and Instrumentation | Computational Fluid Dynamics (Comm. To MCT, AME, ACE) | Post Harvest Engineering for Horticulture Produce |
| | Drying and Storage Engineering | | | | | | | |
| | Managerial economics & financial Analysis | | | | | | | |
| | Food processing plant design and layout | | | | | | | |

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
- (iii) 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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