

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY - HYDERABAD – 500 085
EXAMINATION BRANCH

IV YEAR B.TECH - II SEMESTER– R15 REGULATION-ADVANCED SUPPLEMENTARY EXAMINATIONS AUGUST-2024
TIME TABLE

TIME→AN:2.00PM TO 5.00 PM

| BRANCH | 05-08-2024 MONDAY | 09-08-2024 FRIDAY | 12-08-2024 MONDAY | 14-08-2024 WEDNESDAY | 16-08-2024 FRIDAY |
|--|---|--|----------------------------------|------------------------------------|--|
| CIVIL ENGINEERING (01-CE) | Construction Management (Common to CE, CEE) | E1 Rehabilitation and Retrofitting of Structures | Geo Environmental Engineering | Prestressed Concrete Structures | Design and Drawing of Irrigation Structures |
| | | | Solid Waste Management | | |

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|--|---------------------------------------|--|------------------------------|---------------------------------|------------------------------|
| ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE) | Principles of Reliability Engineering | Fundamentals of HVDC and FACTS Devices | Advanced Control Systems | EHV AC Transmission | ----- |
| | Renewable Energy Sources | | Nanotechnology | | |
| | Neural Networks and Fuzzy Logic | | | | |

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|---|---|--|---|--|--|
| MECHANICAL ENGINEERING (03-ME) | Production Planning and Control (Common to ME, MECT) | Artificial Neural Networks (Common to ME,MECT,MSNT) | Computational fluid dynamics (Common to ME,MSNT) | ----- | Plant layout and Material Handling (Common to ME,AME) |
| | | Maintenance and Safety Engineering (Common to ME, AME, MSNT) | Gas Dynamics | | |
| | | Total Quality Management | Jet Propulsion & Rocket Engineering | | |
| | | | Renewable Energy Sources (Common to ME, AME, MSNT) | | |
| ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE) | Network Security (Common to ECE, ETM) | Artificial Neural Networks | RF Circuit Design (Common to ECE, ETM) | Wireless communications and networks (Common to ECE, ETM) | Digital signal processors and architectures |
| | Radar Systems (Common to ECE, ETM) | Biomedical Instrumentation | | | |
| | Telecommunication Switching Systems and Networks | Satellite Communications (Common to ECE, ETM) | | | |

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|--|---|--|--|--|--|
| COMPUTER SCIENCE AND ENGINEERING (05-CSE) | Management Science (Common to CSE, IT) | Information Security Incident Response & Management (Security Analyst 3) (Common to CSE, IT) | Database Security | Ad hoc and Sensor Networks (Common to CSE, IT) | Multimedia & Rich Internet Applications- (Common to CSE, IT) |
| | | Predictive Analytics (Associate Analytics 3) (Common to CSE, IT) | | | |
| | | Scripting Languages | | | |
| | | Semantic Web and Social Networks | Embedded Systems | | |
| | | Web Services | Storage Area Networks (Common to CSE, IT) | | |
| CHEMICAL ENGINEERING (08-CHEM) | Industrial Pollution & Control Engineering | Fluidization Engineering | Energy Engineering | -- | -- |
| | | Membrane Technology - (Common to CHEM, PTME) | Food Processing Technology | | |
| | | Technology of Pharmaceuticals and Fine Chemicals | Industrial safety and Hazard management | | |

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| ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE) | Digital Image Processing | MEMS Application | Instrumentation Practice in Industries | E2 Reliability Engineering (Common to EIE, BME, AME) | -- |
| | Power Plant Instrumentation | | SCADA & DCS | | |
| | Neural Networks and Fuzzy Logic (Common to EEE, EIE) | | | | |
| BIO-MEDICAL ENGINEERING (11-BME) | Biomaterials | Telemedicine | Medical Informatics | E2 Reliability Engineering - (Common to EIE, BME, AME) | Biometric Systems |
| | | Transportation Phenomena in living systems | | | |

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| INFORMATION TECHNOLOGY (12-IT) | Management Science (Common to CSE, IT) | E - Commerce | Storage Area Networks (Common to CSE, IT) | Ad hoc and Sensor Networks (Common to CSE, IT) | Multimedia & Rich Internet Applications (Common to CSE, IT) |
| | | Middleware Technologies | | | |
| | | Information Security Incident Response & Management (Security Analyst-3) (Common to CSE, IT) | Machine Learning | Web Services | |
| | | Predictive Analytics (Associate Analytics-3) (Common to CSE, IT) | Artificial Intelligence | | |
| MECHANICAL ENGINEERING - MECHATRONICS (14-MECT) | Concurrent Engineering | Artificial Neural Networks (Common to ME,MECT,MST) | Automation in Manufacturing (Common to MECT, AME) | E1 MEMS Design | |
| | | Mathematical Modeling and Simulation | | | |
| | Plant Engineering & Maintenance | MATLAB Applications | | | |
| | Production Planning and Control (Common to ME, MECT) | Principles of Entrepreneurship (Common to MECT, ACE) | | | |

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| ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM) | Network Security (Common to ECE, ETM) | Cellular and Mobile Communications | Internetworking | Wireless communications and networks (Common to ECE, ETM) | |
| | Radar Systems (Common to ECE, ETM) | Microwave Engineering | Pattern Recognition | | |
| | | Satellite Communications | RF Circuit Design (Common to ECE, ETM) | | |
| METALLURGICAL AND MATERIALS ENGINEERING (18-MMT) | Composite Materials | | Selection of Materials for Engineering Applications | Ferro Alloy Technology | Advanced Materials |
| | | Nano Materials | Super Alloys | | |
| | | Nuclear Metallurgy | | | |
| AERONAUTICAL ENGINEERING (21-AE) | Avionics & Instrument Systems | Airport Planning and Operations | Aero elasticity | Wind Engineering and Industrial Aerodynamics | Heat Transfer |
| | | Analysis of Composite Structures | Launch Vehicle and Missile Technology | | |
| | | Helicopter Engineering | | | |
| | | Hypersonic Aerodynamics | | | |

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| BIO TECHNOLOGY (23-BT) | Bioprocess optimization and plant design | Food Biotechnology | Clinical Trials & Regulatory Affairs | | |
| | | Nanobiotechnology | Metabolic Engineering | | |
| AUTOMOBILE ENGINEERING (24-AME) | Alternative Fuels for Automobiles | Maintenance and Safety Engineering (Common to ME, AME, MSNT) | Automation in Manufacturing (Common to MECT, AME) | E3 Reliability Engineering (Common to EIE, BME, AME) | Plant layout and Material Handling (Common to ME,AME) |
| | | | Renewable Energy Sources (Common to ME, AME, MSNT) | | |
| | | Product Design and Assembly Automation | Principles of Entrepreneurship | Vehicle Transport Management | |
| MINING ENGINEERING (25 - MIE) | Mine Ground Control | Mine Electrical Engineering | Deep Seam Mining | Planning of Underground Metal Mining Project | |
| | | Planning of Surface Mining Project | Geological & Technological factors of Coal Gasification CBM, Shale Gab | | |
| | | Planning of Underground Coal Mining Project | Maintenance & Reliability Engineering | | |
| | | | Mine Health & Safety Engineering | | |

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| PETROLEUM ENGINEERING (27 - PTME) | -- | Membrane Technology (Common to CHEM, PTME) | Advanced Natural Gas Engineering | Petroleum Engineering Economics, Policies & Laws | Reservoir Stimulation |
| | | Multi phase Flow in Porous Media | Green Fuel Technologies | | |
| | | Reservoir Modeling & Simulation | Natural Gas Hydrates Transport Phenomena | | |
| CIVIL AND ENVIRONMENTAL ENGINEERING (28 - CEE) | Construction Management (Common to CE, CEE) | Environmental Impact Assessment | Ground Improvement Techniques | | |
| | | | Ground Water Pollution | | |
| | | | Water Quality Management | | |

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| MECHANICAL ENGINEERING (MATERIAL SCIENCE AND NANO TECHNOLOGY) (29 - MSNT) | Nano Composites | Artificial Neural Networks (Common to ME,MECT,MSNT) | Renewable Energy Sources (Common to ME, AME, MSNT) | Biomedical application of Nanotechnology | |
| | | Maintenance and Safety Engineering(Common to ME, AME, MSNT) | Computational fluid dynamics (Common to ME,MSNT) | Nanotechnologies for Water and Environment Applications | |
| | | | | Nanotechnology for Energy Systems | |
| | | | | Nanotoxicology | |
| AGRICULTURE ENGINEERING (30 - ACE) | Design of Agricultural Machinery | Agricultural and Farm Structures | Design of Tractors | | |
| | | Hydraulic Devices and Control | GIS and Remote Sensing | | |
| | | Principles of Entrepreneurship MECT, ACE) | Human Engineering and Safety | | |

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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
- (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.