

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH - I SEMESTER– R09 REGULATION SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

TIME TABLE

TIME → FN:9.45 AM TO 12:45 PM

| BRANCH | 04-09-2021 SATURDAY | 07-09-2021 TUESDAY | 09-09-2021 THURSDAY | 13-09-2021 MONDAY | 15-09-2021 WEDNESDAY | 17-09-2021 FRIDAY | 21-09-2021 TUESDAY | 23-09-2021 THURSDAY | 25-09-2021 SATURDAY |
|--|--|--|-------------------------|---|--|---|----------------------------------|------------------------------|------------------------|
| CIVIL ENGINEERING (01-C E) | Ground Water Development And Management | Watershed Management | Estimating & Costing | Pavement Design | Disaster Management and mitigation | Advanced Foundation Engineering | Advanced Structural Design | GIS and Remote Sensing | -- |
| | Elements of Earthquake Engineering | | | | Finite Element Methods | | | | |
| | | | | | Water Resources planning and management | | | | |
| ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E) | -- | Utilization of Electrical Energy | Instrumentati on | Power System Operation And Control | Digital Control Systems | Optimization Techniques | Switch Gear and Protection | VLSI Design | |
| | | | | | High Voltage Engineering | Electrical Distribution Systems | | | |
| | | | | | | Principles Of Digital Signal Processing | | | |

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| MECHANICAL ENGINEERING (03-M E) | OPERATIONS RESEARCH | Power Plant Engineering | CAD/CAM | Instrumentation and Control Systems | Robotics | Unconventional Machining Processes | CNC Technology | -- | ---- |
| | | | | | Mechanical Vibrations | | | | |
| | | | | | Mechatronics | Automation in Manufacturing | | | |
| | | | | | Composite Materials | Design for Manufacturing | | | |
| ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E) | Management Science | Microwave Engineering | Tele Communications switching Systems | Multimedia and Signal Coding | EMI EMC | Television Engineering | Computer Networks | VLSI Design | Digital Image Processing |
| | | | | | | DSP Processors and Architecture | | | |
| | | | | | Embedded Systems | | | | |

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|--|------------------------|--|--|--|--|---|-------------------------------------|------------------------|------------------------|
| COMPUTER SCIENCE AND ENGINEERING (05-C S E) | Design Patterns | Software Testing Methodologie s | Linux Programmi ng | Cloud Computing | Data Warehousing and Data Mining | Machine Learning | Information Retrieval Systems | Computer Graphics | ---- |
| | | | | Distributed Computing | | Soft Computing | | | |
| | | | | Mobile Computing | | | | | |
| | | | | Advanced Computer Architecture | | | | | |
| CHEMICAL ENGINEERING (08-C H E M) | Transport Phenomena | Process Dynamics & Control | Chemical Process Equipment Design | Process Modeling and Simulation | Industrial Safety and Hazard Management | Polymer Technology | -- | -- | ---- |
| | | | | | | Petroleum and Petrochemic al Technology | | | |
| | | | | | | Environment al Bio Technology | | | |

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| ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E) | Analytical Instrumentation | Bio Medical Instrumentation | Digital Signal Processing | Telemetry and Telecontrol | Digital Control Systems | Embedded and Realtime Systems | Computer Networks | VLSI Design | ---- |
| | | | | Optoelectronics & Laser Instrumentation | | | | | |
| | | | | Robotics and Automation | | | | | |
| BIO-MEDICAL ENGINEERING (11-B M E) | Artificial Neural Networks | | Micro processors and Micro Controllers | Image processing and Pattern Recognition | DSP Processors & Architectures | Embedded & Real Time Systems | Computer Networks | VLSI Design | Rehabilitation Engineering |
| | Artificial Intelligence | | | | | | | | |
| | Tele Medicine | | | | | | | | |

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| INFORMATION TECHNOLOGY (12- IT) | Semantic Web and Social Networks | Software Testing Methodologie s | Object Oriented Analysis and Design | Mobile Applicatio n Developm ent | Human Computer Interaction | Soft Computing | Information Retrieval Systems | VLSI Design | ---- |
| | Wireless Networks and Mobile Computing | | | | | | Multimedia and Rich Internet Applications | | |
| | Image processing and Pattern Recognition | | | | Scripting Languages | | | | |

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| MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT) | OPERATIONS RESEARCH | Power Plant Engineering | Microprocessors and Micro Controllers | Robotics & its applicatio ns | E1 Renewable Energy Sources | Product Design and Assembly Automation | -- | Motion Control Design | Flexible Manufacturin g System |
| | | Computer Organization | | | | Computational Fluid Dynamics | | | |
| | | Advanced Kinematics and Dynamics of Machinery | | | | Advanced Data Structures | | | |
| ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM) | Management Science | Advanced Tele communicatio n Technologies | Electronic Measurements and Instrumentation | Multimedia and Signal Coding | EMI EMC | Optical Communicati ons | Spread Spectrum Communicati ons | VLSI Design | E1 Digital Image Processing |
| | | | | | | Digital Control Systems | | | |
| | | | | | Digital Signal Processors and Architectures | Embedded Systems | | | |

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| METALLURGICAL AND MATERIAL ENGINEERING (18-M M T) | Management Science | Electro Metallurgy and Corrosion | Steel Mining | Non Destructive Testing | Ceramic Science and Technology | X- Ray Diffraction | E1 Semi Conductors and Magnetic Materials | -- | ---- |
| | | | | | Experimental Techniques and Metallography | Metallurgical Problems and Polymeric Materials | | | |
| | | | | | | | | | |
| ELECTRONICS AND COMPUTER ENGINEERING~19 | Design Patterns | Web Technologies | Computer Graphics | Distributed systems | -- | -- | Computer Networks | VLSI Design | Digital Image Processing |
| | Artificial Neural Networks | | | Mobile Computing | | | | | |
| | Artificial Intelligence | | | | | | | | |
| AERONAUTICAL ENGINEERING (21-A E) | Airframe Structural Design | Mechanical Vibrations and Structural Dynamics | CAD/CAM | Control Theory – Application to Flight Control Systems | Advanced Computational Aerodynamics | Space Mechanics | -- | -- | ---- |
| | | | | | | Experimental Aerodynamics | | | |
| | | | | | | Aircraft Maintenance Engineering | | | |
| | | | | | Flight Scheduling and Operations | Numerical Methods | | | |
| | | | | | Mechanisms and Mechanical Design | | | | |
| | | | | | Theory of Elasticity | | | | |

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| INSTRUMENTATION AND CONTROL ENGINEERING~22 | Computer aided Design of control Systems | Bio medical Instrumentation | Digital and optimal Control systems | Virtual Instrumentation | Instrumentation and Control in Manufacturing Systems | Embedded and Real Time Systems | Computer Networks | VLSI design | ---- |
| | | | | Optoelectronics and Laser instrumentation | | | | | |
| | | | | Telemetry and tele Control | | | | | |
| BIO- TECHNOLOGY~23 | Computational Molecular Biology | Bioethics Biosafety And Intellectual Property Rights | Downstream Processing | Bioprocess Optimization and Plant Design | Structural Biology Cancer Biology Crop Improvement | Molecular Pathogenesis | ---- | ---- | ---- |
| | | | | | | Biopharmaceuticals | | | |
| | | | | | | Introduction To Bio Materials | | | |

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| AUTOMOBILE ENGG. (24 – AME) | Operations Research | --- | CAD/CAM | Instrumentati on and Control Systems | Mechatronic s | Microprocessor s and Micro Controllers | ---- | Automotive chassis and Suspension | Metrology & Surface Engineering |
| | | | | | | Finite Element Methods | | | |
| | | | | | Automotive Pollution and Control | Vehicle Body Engineering and Safety | | | |
| | | | | | Mechanical Vibrations | Computational Fluid Dynamic | | | |
| MINING ENGINEERING (25 – MIE) | Mine Systems Engineering | 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 Fragmentatio n Engineering | Strata Control Technology | | | |

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| MINING MACHINERY~26 | Mechanical Handling Transport Loading Equipment | Metrology And Machine Tools | Principals Of Tribology | Mine Electrical Engineering | Automobile Engineering | Maintenance Engineering | Underground Production Equipment | ---- | ---- |
| | | | Mechanical Systems Design | | | System Modeling And Simulation | | | |
| | | | Micro Processor And Micro Controllers | | | | | | |
| PETROLIUM ENGG. (27 – PTME) | Pipeline Engineering | Petroleum Refinery & Petro Chemical | Oil & Gas Processing Plant Design | Health, Safety & Environment in Petroleum Industry | Numerical Methods For Modeling & Simulation | Computational Fluid Dynamics | -- | -- | ---- |
| | | | | | | Offshore Engineering | | | |
| | | | | | | Chemical Reaction Engineering | | | |

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| CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E) | Environmental Pollution Of Soil & Remediation | --- | Estimating & Costing | Principles Of Environmental Chemistry And Microbiology | Finite Element Methods | — | ---- | GIS and Remote Sensing | Air Pollution and Control |
| | Principles Of Industrial Waste Management | | | | Disaster Management And Mitigation Water | | | | |
| | Design Of Water Supply Systems | | | | Resources Planning And Management | | | | |
| | Ground Water Development And Management | | | | | | | | |

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| MECHANICAL ENGINEERING (MATERIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT) | OPERATIONS RESEARCH | --- | CAD/CAM | Metrology Instrumentation | Mechatronics | Computational Fluid Dynamics | Modelling and Simulation in Materials Engineering | Carbon Nano Tubes and their Applications | ---- |
| | | | | | Mechanical Vibrations | | Nano Sensors and Actuators | | |
| | | | | | Automation In Manufacturing | | MEMS/ NEMS Design and Applications | | |
| | | | | | Surface Engineering | | Surface Engineering | | |

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| AGRICULTURE ENGINEERING (30 - ACE) | Micro Irrigation Engineering | Watershed Management | Farm Machinery and Equipments-II | Agro Industries and Bi- product Utilization | Post Harvest Engineering for Horticulture Produce | Computation al Fluid Dynamics | Food Processing Plant Design And Layout | ---- | ---- |
| | | Mechanical Measurements and Instrumentation | | | | | Managerial Economics And Financial Analysis | | |
| | | | | | | | Drying And Storage Engineering | | |

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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.