

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

**III YEAR B.TECH -I SEMESTER – R22 REGULATION SUPPLEMENTARY EXAMINATIONS JUNE/JULY-2025**

T I M E T A B L E

T I M E→FN: 10:00 AM to 1:00 PM

| BRANCH   | DATE, DAY AND SESSION                |   |                                  |   |   |   |                        |
|--|--------------------------------------|---|----------------------------------|---|---|---|------------------------|
|  | 16-07-2025<br>WEDNESDAY              | 19-07-2025<br>SATURDAY                          | 24-07-2025<br>THURSDAY           | 26-07-2025<br>SATURDAY                                | 29-07-2025<br>TUESDAY                             | 31-07-2025<br>THURSDAY                          | 02-08-2025<br>SATURDAY |
| <b>CIVIL<br/>ENGINEERING<br/>(01-C E)</b>  | Transportation<br>Engineering        | Geotechnical<br>Engineering                     | Structural<br>Engineering-I(RCC) | Business<br>Economics and<br>Financial<br>Analysis    | Structural<br>Analysis-II                         | Hydrology and<br>Water Resources<br>Engineering | ---                    |
| <b>ELECTRICAL AND<br/>ELECTRONICS<br/>ENGINEERING<br/>(02- EEE)</b>                | Microprocessor &<br>Microcontrollers | Power Electronics                               | Control Systems                  | Business<br>Economics<br>and<br>Financial<br>Analysis | Computer Aided<br>Electrical Machine<br>Design    | ---   | ---                    |
|  |                                      |   |                                  |   | High Voltage<br>Engineering                       |   |                        |
|  |                                      |   |                                  |   | IoT Applications in<br>Electrical<br>Engineering  |   |                        |
| <b>MECHANICAL<br/>ENGINEERING<br/>(03- ME)</b>                                     | Design of Machine<br>Elements        | Steam Power & Jet<br>Propulsion                 | Dynamics of<br>Machinery         | Business<br>Economics &<br>Financial<br>Analysis      | CAD/CAM   | Metrology &<br>Machine<br>Tools                 | ----                   |
| <b>ELECTRONICS<br/>&amp;<br/>COMMUNICATION<br/>S<br/>ENGINEERING<br/>(04- ECE)</b> | Control Systems                      | Data Communications<br>and<br>Computer Networks | Microcontrollers                 | Business<br>Economics &<br>Financial<br>Analysis      | Electronic<br>Measurements and<br>Instrumentation | IoT Architectures<br>and Protocols              | ----                   |
|  |                                      |   |                                  |   | Computer<br>Organization &<br>Operating Systems   |   |                        |

DATE: 18-06-2025

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| COMPUTER<br>SCIENCE<br>&<br>ENGINEERING<br>(05- CSE)             | Design and Analysis<br>of Algorithms | ----                            | Computer<br>Networks   | DevOps  | E1  | E2                                 | Computer Graphics      |
|  |                                      |                                 |                        |   | Quantum Computing                             | Embedded Systems                   |                        |
|  |                                      |                                 |                        |   | Advanced Computer<br>Architecture             | Informational Retrieval<br>Systems |                        |
|  |                                      |                                 |                        |   | Data Analytics                                | Distributed Databases              |                        |
|  |                                      |                                 |                        |   | Image Processing                              |                                    |                        |
|  |                                      |                                 |                        |   | Principles of Programming<br>Languages        | Natural Language<br>Processing     |                        |
| ELECTRONICS<br>AND<br>INSTRUMENTATION<br>ENGINEERING<br>(10-EIE) | Control Systems                      | Process Dynamics<br>and Control | Microcontrollers       | Business<br>Economics &<br>Financial Analysis | Instrumentation<br>Practices in<br>Industries | ---                                | ----                   |
|  |                                      |                                 |                        |   | Real Time<br>Operating Systems                |                                    |                        |
|  |                                      |                                 |                        |   | IoT Architectures and System<br>Design        |                                    |                        |

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| <b>INFORMATION TECHNOLOGY (12-IT)</b>   | Software Engineering                   | Machine Learning                        | Data Communications and computer Networks | -----                                     | E1                                  | E2                             | Computer Graphics      |
|   |  |   |   |   | Biometrics                          | Advanced Operating Systems     |                        |
|   |  |   |   |   | Advanced Computer Architecture      | Pattern Recognition            |                        |
|   |  |   |   |   | Data Analytics                      |                                |                        |
|   |  |   |   |   | Image Processing                    | Distributed Databases          |                        |
|   |  |   |   |   | Principles of Programming Languages | Quantum Computing              |                        |
| <b>AERONUTICAL ENGINEERING (21- AE)</b> | Analysis of Aircraft structures        | High Speed Aerodynamics                 | Heat Transfer                             | Business Economics and Financial Analysis | CAD/CAM                             | Aircraft Systems & Performance | ----                   |
| <b>BIO-TECHNOLOGY (BT-23)</b>           | Analytical Techniques In Biotechnology | Chemical and Biochemical Thermodynamics | Bioprocess Engineering                    | Genetic Engineering                       | Immunology                          | --                             | ----                   |

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| MINING ENGG.<br>(25-MNE)                  | Rock Mechanics                       | Introduction to<br>Industrial<br>Engineering | Mine<br>Mechanization-I                           | Surface Mining<br>Technology | Environmental Management<br>in Mines | Mine Hazards<br>and Rescue | ---                    |
|   |                                      |  |   |                              | Tunneling Engineering                |                            |                        |
|   |                                      |  |   |                              | Mining of Deep-Seated<br>Deposits    |                            |                        |
| PHARMACEUTICAL<br>ENGINEERING<br>(PCE-31) | Engineering of<br>Chemical Reactions | Industrial Pharmacy                          | Principles of<br>Microbiology and<br>Biochemistry | Medicinal Chemistry          | Pharmacology-II                      | ----                       | ---                    |

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| <b>COMPUTER<br/>SCIENCE AND<br/>BUSINESS<br/>SYSTEMS<br/>(32-CSBS)</b>  | Financial<br>Management                     | Web Technologies       | Computer<br>Networks                               | Cloud<br>Computing     | E1                                     | E2                              | E2                     |
|   |   |                        |  |                        | Business<br>Environment and<br>Ethics  | Behavioural Economics           | ---                    |
|   |   |                        |  |                        | Data Warehousing<br>and Data Mining    | Enterprise Resource<br>Planning |                        |
|   |   |                        |  |                        | Supply chain<br>management             | Financial<br>Modeling           |                        |
|   |   |                        |  |                        | E-Commerce<br>Design Patterns          | Business Intelligence           |                        |
|   |   |                        |  |                        | Biometrics                             | Advanced Operating<br>Systems   | Computer Graphics      |
| <b>COMPUTER<br/>SCIENCE<br/>INFORMATION<br/>TECHNOLOGY<br/>CSIT(33)</b> | Formal<br>Languages<br>&<br>Automata Theory | Machine<br>Learning    | Data<br>Communications<br>and Computer<br>Networks | ---                    | Advanced<br>Computer Architecture      | Advanced Operating<br>Systems   |                        |
|   |   |                        |  |                        | Data Analytics                         | Pattern Recognition             |                        |
|   |   |                        |  |                        | Image Processing                       | Distributed Databases           |                        |
|   |   |                        |  |                        | Principles of Programming<br>Languages | Quantum Computing               |                        |
|   |   |                        |  |                        |  |                                 |                        |

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| COMPUTER<br>ENGINEERING<br>(SOFTWARE<br>ENGINEERING)<br>(56-CE(SE)) | Software<br>Requirements &<br>Estimation | Database<br>Management<br>Systems | Computer<br>Networks   | Dev Ops                | Data Warehousing and<br>Business Intelligence | Mining massive Datasets          | Computer<br>Graphics   |
|   |  |                                   |                        |                        |   | Information Retrieval Systems    |                        |
|   |  |                                   |                        |                        |   | Internet of Things               |                        |
|   |  |                                   |                        |                        | Artificial Intelligence                       | Software Design<br>Methodologies |                        |
|   |  |                                   |                        |                        | Web Programming                               |                                  |                        |
|   |  |                                   |                        |                        | Image Processing                              |                                  |                        |

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| <b>COMPUTER SCIENCE<br/>AND ENGINEERING)<br/>(CYBER SECURITY)<br/>(62-CSE(CS)</b>   | Formal Languages<br>and Automata<br>Theory   | Database<br>Management<br>Systems | Network Security<br>and Cryptography | Cloud Computing                                 | Compiler Design                     | Ethical Hacking        | Distributed Systems    |
|   |  |                                   |                                      |   | Artificial Intelligence             | Data Science           |                        |
|   |  |                                   |                                      |   | Data warehousing and<br>Data Mining | Cyber Laws             |                        |
|   |  |                                   |                                      |   | Ad-hoc & Sensor<br>Networks         | IOT Security           |                        |
| <b>COMPUTER SCIENCE<br/>AND ENGINEERING<br/>(ARTIFICIAL<br/>INTELLIGENCE AND<br/>MACHINE LEARNING)<br/>(66-CSE(AI&amp;ML)</b> | Design and<br>Analysis<br>of Algorithms<br>- | Machine Learning                  | Computer Networks                    | Business Economics<br>and<br>Financial Analysis | Graph Theory                        | -----                  | Computer Graphics      |
|   |  |                                   |                                      |   | Introduction to Data<br>Science     |                        |                        |
|   |  |                                   |                                      |   | Web Programming                     |                        |                        |
|   |  |                                   |                                      |   | Image Processing                    |                        |                        |

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| <b>COMPUTER SCIENCE<br/>AND ENGINEERING<br/>(DATASCIENCE)<br/>(67-CSE(DS))</b> | Algorithms<br>Design and<br>Analysis | Introduction<br>to Data Science | Computer Networks                     | DevOps   | Data Warehousing and<br>Business Intelligence | Spatial and Multimedia<br>Databases    | Computer Graphics |
|  |                                      |                                 |                                       |  | Artificial Intelligence                       | Information Retrieval<br>Systems       |                   |
|  |                                      |                                 |                                       |  | Web Programming                               | Software Project<br>Management         |                   |
|  |                                      |                                 |                                       |  | Image Processing                              | Computer Vision and<br>Robotics        |                   |
| <b>COMPUTER SCIENCE<br/>AND ENGINEERING<br/>(IOT)<br/>(69-CSE(IOT))</b>        | Algorithms<br>Design and<br>Analysis | Database Management<br>Systems  | Microprocessors &<br>Microcontrollers | Business<br>Economics and<br>Financial<br>Analysis<br>-- | Architecting Smart IoT<br>Devices             | Automata Theory and<br>Compiler Design | -----             |
|  |                                      |                                 |                                       |  | Data Analytics for IoT                        |  |                   |
|  |                                      |                                 |                                       |  | IoT System Architectures                      |  |                   |
|  |                                      |                                 |                                       |  | IoT Communication<br>Protocols                |  |                   |

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| COMPUTER SCIENCE<br>AND ENGINEERING<br>(NETWORKS)<br>(70- CSE(NETWORKS)) | Algorithms<br>Design and<br>Analysis    | Network<br>Programming          | Data<br>Communications and<br>Computer Networks | DevOps   | Advanced Computer<br>Architecture | Image Processing              | Distributed Systems |
|  |   |                                 |   |  | Optimization Techniques           | Advanced Computer<br>Networks |                     |
|  |   |                                 |   |  | Distributed Databases             | Data Analytics                |                     |
|  |   |                                 |   |  |                                   | Mobile Application            |                     |
|  |   |                                 |   |  |                                   | Game Theory                   |                     |
| TEXTILE ENGINEERING<br>(71-TTE)  | Textile Wet<br>Processing               | Fabric<br>Manufacture - II      | Apparel Production<br>Technology                | Business<br>Economics<br>and Financial<br>Analysis | Fabric Structure<br>&<br>Design   | --                            | ---                 |
| ARTIFICIAL<br>INTELLIGENCE AND DATA<br>SCIENCE<br>(72- AIDS)             | Design and<br>Analysis<br>of Algorithms | Introduction<br>To Data Science | Computer Networks                               | Business<br>Economics and<br>Financial Analysis    | Graph Theory                      | ---                           | Computer Graphics   |
|  |   |                                 |   |  | Advanced Computer<br>Architecture |                               |                     |
|  |   |                                 |   |  | Web Programming                   |                               |                     |
|  |   |                                 |   |  | Image Processing                  |                               |                     |
| ARTIFICIAL<br>INTELLIGENCE<br>AND MACHINE<br>LEARNING<br>(73-AI&ML)      | Design and<br>Analysis<br>of Algorithms | Machine<br>Learning             | Computer<br>Networks                            | Business Economics<br>and Financial<br>Analysis    | Graph Theory                      | ---                           | Computer Graphics   |
|  |   |                                 |   |  | Web Programming                   |                               |                     |
|  |   |                                 |   |  | Image Processing                  |                               |                     |
|  |   |                                 |   |  | Introduction To Data Science      |                               |                     |

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| COMPUTER<br>SCIENCE<br>AND DESIGN<br>(74-CSD) | Design Thinking         | ---                    | Computer Networks      | ----                   | Systems Management               |                                  | Computer Graphics      |
|   |                         |                        |                        |                        | Design of Interactive<br>Systems | Distributed Databases            |                        |
|   |                         |                        |                        |                        | Quantum Computing                | Information Retrieval<br>Systems |                        |
|   |                         |                        |                        |                        | Image Processing                 | Embedded Systems                 |                        |
|   |                         |                        |                        |                        | Data Analytics                   | Natural Language<br>Processing   |                        |
|   |                         |                        |                        |                        |                                  | Design Process and<br>Practices  |                        |

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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.