

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

**III YEAR B.TECH -I SEMESTER – R18 REGULATION SUPPLEMENTARY EXAMINATIONS JAN/FEB-2025**

REVISED TIME TABLE

TIME → FN: 10:00 AM to 1:00 PM

| BRANCH   | 08-01-2025<br>WEDNESDAY     | 10-01-2025<br>FRIDAY             | 17-01-2025<br>FRIDAY                      | 20-01-2025<br>MONDAY                        | 23-01-2025<br>THURSDAY                | 25-01-2025<br>SATURDAY | 30-01-2025<br>THURSDAY            |
|--|-----------------------------|----------------------------------|---|---|---------------------------------------|------------------------|-----------------------------------|
| <b>CIVIL ENGINEERING<br/>(01-CE)</b>                             | Concrete Technology         | Geotechnical Engineering         | Transportation Engineering                | Structural Analysis-II                      | Engineering Economics and Accountancy | ---                    | Structural Engineering-I(RCC)     |
|  | Theory of Elasticity        |                                  |   |   |                                       |                        |                                   |
|  | Rock Mechanics              |                                  |   |   |                                       |                        |                                   |
| <b>ELECTRICAL AND ELECTRONICS ENGINEERING<br/>(02-EEE)</b>       | Power Electronics           | Power System-II                  | Business Economics and Financial Analysis | Computer Architecture                       | --                                    | ---                    | Measurements and Instrumentation  |
|  |                             |                                  |   | High Voltage Engineering                    |                                       |                        |                                   |
|  |                             |                                  |   | Electrical Machine Design                   |                                       |                        |                                   |
| <b>MECHANICAL ENGINEERING<br/>(03-ME)</b>                        | Design of Machine Members-I | Operations Research              | Business Economics & Financial Analysis   | Thermal Engineering-II                      | Metrology & Machine Tools             | ----                   | Dynamics of Machinery             |
| <b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING<br/>(04-ECE)</b> | Control Systems             | Data Communications and Networks | Business Economics & Financial Analysis   | Error Correcting Codes                      | ---                                   | ----                   | Microprocessor & Microcontrollers |
|  |                             |                                  |   | Electronic Measurements and Instrumentation |                                       |                        |                                   |
|  |                             |                                  |   | Computer Organization & Operating Systems   |                                       |                        |                                   |

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| <b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>         | Formal Languages & Automata Theory | Software Engineering         | Web Technologies                        | Information Theory & Coding             | Advanced Operating Systems                | Computer Graphics      | Computer Networks                 |
|   |                                    |                              |   | Advanced Computer Architecture          | Informational Retrieval Systems           | Distributed Databases  |                                   |
|   |                                    |                              |   | Data Analytics                          | Natural Language Processing               |                        |                                   |
|   |                                    |                              |   | Image Processing                        |   |                        |                                   |
|   |                                    |                              |   | Principles of Programming Languages     |   |                        |                                   |
| <b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b> | Control Systems                    | Process Dynamics and Control | Business Economics & Financial Analysis | Instrumentation Practices in Industries | -----                                     | ----                   | Microprocessor & Microcontrollers |
|   |                                    |                              |   | Operating Systems                       |   |                        |                                   |
|   |                                    |                              |   | Robotics and Automation                 |   |                        |                                   |
| <b>INFORMATION TECHNOLOGY (12-IT)</b>                       | Formal Languages & Automata Theory | Software Engineering         | Data Communications and Networks        | Biometrics                              | Machine Learning                          | Computer Graphics      | Web Programming                   |
|   |                                    |                              |   | Advanced Computer Architecture          | Pattern Recognition                       |                        |                                   |
|   |                                    |                              |   | Data Analytics                          | Database Security                         |                        |                                   |
|   |                                    |                              |   | Image Processing                        | Advanced Operating Systems                |                        |                                   |
|   |                                    |                              |   | Principles of Programming Languages     |   |                        |                                   |
| <b>MECHANICAL ENGINEERING (MECHATRONICS (14- MECT)</b>      | Principles of Machine Design       | CAD/CAM                      | Business Economics & Financial Analysis | Manufacturing Process & Machine Tools   | Mechanical Measurements & Control Systems | ---                    | Dynamics of Machinery             |

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| <b>METALLURGY AND MATERIAL ENGINEERING (18- MMT)</b> | Non-Ferrous Extractive Metallurgy  | Environmental Degradation of Materials | Mechanical Working of Metals              | Powder Metallurgy                 | Engineering Economics and Accountancy | ----                               | ---                    |
|  |                                    |  |   | Nuclear Materials                 |                                       |                                    |                        |
|  |                                    |  |   | Fatigue and Fracture Mechanics    |                                       |                                    |                        |
| <b>ELECTRONICS AND COMPUTER ENGINEERING ECM-(19)</b> | Formal Languages & Automata Theory | Software Engineering                   | Data Communications and Networks          | Data Analytics                    | -----                                 | Microprocessors & Microcontrollers | --                     |
|  |                                    |  |   | Java Programming                  |                                       |                                    |                        |
|  |                                    |  |   | Information theory & Coding       |                                       |                                    |                        |
| <b>AERONUTICAL ENGINEERING (21- AE)</b>              | Aircraft Propulsion                | High Speed Aerodynamics                | Business Economics and Financial Analysis | Aircraft Systems and Controls     | Aircraft Performance and Stability    | ---                                | Finite Element Methods |
| <b>MINING ENGG. (25-MNE)</b>                         | Mine Environmental Engineering –II | Introduction to Industrial Engineering | Surface Mining Technology                 | Environmental Management in Mines | ---                                   | ---                                | Mine Mechanization-II  |
|  |                                    |  |   | Tunneling Engineering             |                                       |                                    |                        |
|  |                                    |  |   | Mining of Deep-Seated Deposits    |                                       |                                    |                        |

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| <b>PETROLIUM ENGG. (27- PTME)</b>                       | Instrumentation and Process      | Fundamentals of Management for Engineers | Well Logging & Formation          | Drilling Technology                | Health, Safety & Environment in Petroleum Industry | --                     | Thermodynamics for Petroleum Engineers |
| <b>COMPUTER SCIENCE AND BUSINESS SYSTEMS (32-CSBS)</b>  | Financial Management             | Data Science                             | Web Technologies                  | Business Communications and Ethics | Behavioural Economics                              | Cloud Computing        | Computer Networks                      |
|   |                                  |  |                                   | Data Warehousing and Data Mining   | Enterprise Resource Planning                       |                        |  |
|   |                                  |  |                                   | Distributed Systems                | Financial Modeling                                 |                        |  |
|   |                                  |  |                                   | E-Commerce                         | Business Intelligence                              |                        |  |
|   |                                  |  |                                   | Design Patterns                    |  |                        |  |
| <b>COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)</b> | Data Communications and Networks | Data Science                             | Design and Analysis of Algorithms | Data Warehousing and Data Mining   |  | Computer Graphics      | Web Programming                        |
|   |                                  |  |                                   | Software Testing                   | Artificial Intelligence                            | Distributed Databases  |  |
|   |                                  |  |                                   | Distributed Systems                | Software Project Management                        |                        |  |
|   |                                  |  |                                   | E-Commerce                         |  |                        |  |
|   |                                  |  |                                   | R-Programming                      | Quantum Computing                                  |                        |  |

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| <b>INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)</b>        | Formal Languages & Automata Theory | Software Engineering        | Scripting Languages               | Data Science                               |                                     | Distributed Databases  | Computer Networks      |
|  |                                    |                             |                                   | Soft Computing                             | Artificial Intelligence             |                        |                        |
|  |                                    |                             |                                   | Biometrics                                 | Database Security                   |                        |                        |
|  |                                    |                             |                                   | Object Oriented Analysis & Design          | Software Reliability                |                        |                        |
|  |                                    |                             |                                   | Computer Graphics                          | Principles of Programming Languages |                        |                        |
| <b>COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))</b> | Software Requirements & Estimation | Database Management Systems | Design and Analysis of Algorithms | Data Warehousing and Business Intelligence |                                     | Computer Graphics      | Computer Networks      |
|  |                                    |                             |                                   | Mining massive Datasets                    |                                     |                        |                        |
|  |                                    |                             |                                   | Information Retrieval Systems              |                                     |                        |                        |
|  |                                    |                             |                                   | Internet of Things                         |                                     |                        |                        |
|  |                                    |                             |                                   | Artificial Intelligence                    | Dev Ops                             |                        |                        |
|  |                                    |                             |                                   | Web Programming                            |                                     |                        |                        |
|  |                                    |                             |                                   | Image Processing                           | Software Design Methodologies       |                        |                        |

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|--|---|-----------------------------------|---|-------------------------------------|-----------------------------------|------------------------|---|
| COMPUTER SCIENCE<br>AND ENGINEERING<br>(CYBER SECURITY)<br>(62-CSE(CS))  | Formal Languages<br>and<br>automata<br>theory | Database<br>Management<br>Systems | Design and<br>Analysis of<br>Algorithms | Compiler Design                     | Ethical<br>Hacking                | Cloud computing        | Cryptography and<br>Network<br>Security |
|  |   |                                   |   | Artificial Intelligence             | Data Science                      |                        |   |
|  |   |                                   |   | Data warehousing and<br>Data Mining | Distributed Systems               |                        |   |
|  |   |                                   |   | Ad-hoc & Sensor<br>Networks         | Cyber Laws                        |                        |   |
| COMPUTER SCIENCE<br>AND ENGINEERING<br>(ARTIFICIAL<br>INTELLIGENCE AND<br>MACHINE LEARNING)<br>(66-CSE(AI&ML)) | Compiler Design                               | Machine Learning                  | Design and<br>Analysis<br>of Algorithms |                                     |                                   | Computer Graphics      | Computer<br>Networks                    |
|  |   |                                   |   | Graph Theory                        | Software Testing<br>Methodologies |                        |   |
|  |   |                                   |   | Introduction to Data<br>Science     | Information Retrieval<br>Systems  |                        |   |
|  |   |                                   |   | Web Programming                     | Pattern Recognition               |                        |   |
|  |   |                                   |   | Image Processing                    | Computer Vision and<br>Robotics   |                        |   |
| ---  | Data Warehousing and<br>Business Intelligence |                                   |   |                                     |                                   |                        |   |

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| COMPUTER SCIENCE<br>AND ENGINEERING<br>(DATASCIENCE)<br>(67-CSE(DS)) | Data Mining                               | Introduction to<br>Data Science   | Design and<br>Analysis of<br>Algorithms | Data Warehousing<br>and Business<br>Intelligence | Spatial and Multimedia<br>Databases    | Computer<br>Graphics                  | Computer<br>Networks   |
|  |   |                                   |   | Artificial Intelligence                          | Information Retrieval<br>Systems       |                                       |                        |
|  |   |                                   |   | Web Programming                                  | Software Project<br>Management         |                                       |                        |
|  |   |                                   |   | Image Processing                                 | Dev Ops                                |                                       |                        |
| COMPUTER SCIENCE<br>AND ENGINEERING<br>(IOT)<br>(69-CSE(IOT))        | Finite<br>Automata and<br>Compiler Design | Database<br>Management<br>Systems | Design and<br>Analysis of<br>Algorithms | Architecting Smart<br>IoT Devices                | Machine Learning                       | Microprocessors &<br>Microcontrollers | Computer<br>Networks   |
|  |   |                                   |   | Data Analytics for<br>IoT                        | Real Time Systems                      |                                       |                        |
|  |   |                                   |   | IoT System<br>Architectures                      | Embedded Hardware Design               |                                       |                        |
|  |   |                                   |   | Operating Systems<br>for IoT                     | Energy Sources and Power<br>Management |                                       |                        |
|  |   |                                   |   |  | Software Engineering                   |                                       |                        |

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|---|-------------------------------------|-----------------------------|---|------------------------------|--|------------------------|-------------------------------|
| <b>COMPUTER SCIENCE AND ENGINEERING (NETWORKS)<br/>(70-CSE(NETWORKS))</b> | Finite Automata and Compiler Design | Database Management Systems | Design and Analysis of Algorithms         | Advanced Computer            | Image Processing                           | Distributed Databases  | Internet working with TCP/IP  |
|   |                                     |                             |   | Distributed Systems          | Advanced Computer Networks                 |                        |                               |
|   |                                     |                             |   | Optimization Techniques      | Data Analytics                             |                        |                               |
|   |                                     |                             |   | DevOps                       | Mobile Application Security<br>Game Theory |                        |                               |
| <b>TEXTILE ENGINEERING (71-TTE)</b>                                       | Textile Wet Processing              | Fabric Manufacture - II     | Business Economics and Financial Analysis | Fabric Structure & Design    | --   | --                     | Apparel Production Technology |
| <b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (72- AIDS)</b>                | Machine Learning                    | Software Engineering        | Design and Analysis of Algorithms         | Introduction To Data Science | Computer Vision and Robotics               | Computer Graphics      | Big Data Technologies         |
|   |                                     |                             |   | Graph Theory                 | Software Testing Methodologies             |                        |                               |
|   |                                     |                             |   |                              | Data Warehousing and Business Intelligence |                        |                               |
|   |                                     |                             |   | Scripting Languages          | Information Retrieval Systems              |                        |                               |
|   |                                     |                             |   | Image Processing             | Pattern Recognition                        |                        |                               |
| <b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (73-AI&amp;ML)</b>        | Machine Learning                    | Compiler Design             | Design and Analysis of Algorithms         | Graph Theory                 | Information Retrieval Systems              | Computer Graphics      | Computer Networks             |
|   |                                     |                             |   | Web Programming              | Data Warehousing and Business Intelligence |                        |                               |
|   |                                     |                             |   | Image Processing             | Pattern Recognition                        |                        |                               |
|   |                                     |                             |   | Introduction To Data Science | Software Testing Methodologies             |                        |                               |
|   |                                     |                             |   |                              | Computer Vision and Robotics               |                        |                               |

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| COMPUTER SCIENCE<br>AND DESIGN<br>(74-CSD) | Design and Analysis of<br>Experiments | Software<br>Engineering | Design and Analysis<br>of Algorithms | Systems Management               |                               | ----                   | Computer<br>Networks   |
|  |                                       |                         |                                      | Design of Interactive<br>Systems | Distributed Databases         |                        |                        |
|  |                                       |                         |                                      | Quantum Computing                | Information Retrieval Systems |                        |                        |
|  |                                       |                         |                                      | Image Processing                 | Reliability Engineering       |                        |                        |
|  |                                       |                         |                                      | Data Analytics                   | Embedded Systems              |                        |                        |
| Natural Language Processing                |                                       |                         |                                      |                                  |                               |                        |                        |

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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.