

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**III YEAR B.TECH –I SEMESTER – R18 REGULATION I- MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)**

T I M E T A B L E

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)

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|   | 11-11-2022 FN<br>FRIDAY | 11-11-2022 AN<br>FRIDAY        | 12-11-2022 FN<br>SATURDAY           | 12-11-2022 AN<br>SATURDAY                    | 14-11-2022 FN<br>MONDAY   | 14-11-2022 AN<br>MONDAY                               |
| <b>CIVIL<br/>ENGINEERING<br/>(01-C E)</b>                           | Structural Analysis-II  | Geotechnical Engineering       | Structural Engineering-I            | Transportation<br>Engineering                | Concrete Technology       | Engineering Economics<br>and Accountancy<br>Machinery |
|   |                         |                                |                                     |  | Theory of Elasticity      |   |
|   |                         |                                |                                     |  | Rock Mechanics            |   |
| <b>ELECTRICAL AND<br/>ELECTRONICS<br/>ENGINEERING<br/>(02- EEE)</b> | Power Electronics       | Power System-II                | Measurements and<br>Instrumentation | Business Economics<br>and Financial Analysis | Computer Architecture     | ---   |
|   |                         |                                |                                     |  | High Voltage Engineering  |   |
|   |                         |                                |                                     |  | Electrical Machine Design |   |
| <b>MECHANICAL<br/>ENGINEERING<br/>(03- ME)</b>                      | Dynamics of Machinery   | Design of Machine<br>Members-I | Metrology & Machine<br>Tools        | Business Economics &<br>Financial Analysis   | Thermal Engineering-II    | Operations Research                                   |

DATE: 07-11-2022

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| <b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04- ECE)</b> | Microprocessor & Microcontrollers  | Data Communications and Networks | Control Systems           | Business Economics & Financial Analysis | Error Correcting Codes                                   | ----  |
|   |                                    |                                  |                           |   | Electronic Measurements and Instrumentation              |   |
|   |                                    |                                  |                           |   | Computer Organization & Operating Systems                |   |
| <b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>           | Formal Languages & Automata Theory | Software Engineering             | Computer Networks         | Web Technologies                        | Information Theory & Coding                              | Computer Graphics Common to (CSE, IT )          |
|   |                                    |                                  |                           |   | Advanced Computer Architecture Common to (CSE, IT )      | Advanced Operating Systems Common to (CSE, IT ) |
|   |                                    |                                  |                           |   | Data Analytics Common to (CSE, IT )                      | Informational Retrieval Systems                 |
|   |                                    |                                  |                           |   | Image Processing Common to (CSE, IT )                    | Distributed Databases                           |
|   |                                    |                                  |                           |   | Principles of Programming Languages Common to (CSE, IT ) | Natural Language Processing                     |
| <b>ELECTRONICS AND INSTRUMENTATION ENGINEERING ( 10-EIE)</b>  | Microprocessor & Microcontrollers  | Process Dynamics and Control     | Control Systems           | Business Economics & Financial Analysis | Instrumentation Practices in Industries                  | ---   |
|   |                                    |                                  |                           |   | Operating Systems  |   |
|   |                                    |                                  |                           |   | Robotics and Automation                                  |   |

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| <b>INFORMATION TECHNOLOGY (12-IT)</b>                 | Formal Languages & Automata Theory | Software Engineering                   | Data Communication & Computer Networks    | Web Programming                         | Biometrics  | Database Security                              |
|   |                                    |  |   |   | Advanced Computer Architecture Common to (CSE, IT)      | Advanced Operating Systems Common to (CSE, IT) |
|   |                                    |  |   |   | Data Analytics Common to (CSE, IT)                      | Machine Learning                               |
|   |                                    |  |   |   | Image Processing Common to (CSE, IT)                    | Pattern Recognition                            |
|   |                                    |  |   |   | Principles of Programming Languages Common to (CSE, IT) | Computer Graphics Common to (CSE, IT)          |
| <b>MECHANICAL ENGINEERING (MECHATRONICS (14-MECT)</b> | Dynamics of Machinery              | CAD/CAM                                | Mechanical Measurements & Control Systems | Business Economics & Financial Analysis | Manufacturing Process & Machine Tools                   | Principles of Machine Design                   |
| <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                          |  |

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| <b>AERONUTICAL ENGINEERING (21- AE)</b>                 | Aircraft Propulsion                    | High Speed Aerodynamics            | Finite Element Methods                 | Business Economics and Financial Analysis | Aircraft Systems and Controls       | Aircraft Performance and Stability                 |
| <b>MINING ENGG. (25-MNE)</b>                            | Introduction to Industrial Engineering | Mine Environmental Engineering -II | Mine Mechanization-II                  | Surface Mining Technology                 | Environmental Management in Mines   | -----  |
|   |  |                                    |  |   | Tunneling Engineering               |  |
|   |  |                                    |  |   | Mining of Deep-Seated Deposits      |  |
| <b>PETROLIUM ENGG. (27- PTME)</b>                       | Instrumentation and Process Control    | Drilling Technology                | Thermodynamics for Petroleum Engineers | Fundamentals of Management for Engineers  | Well Logging & Formation Evaluation | Health, Safety & Environment in Petroleum Industry |
| <b>COMPUTER SCIENCE AND BUSINESS SYSTEMS (32-CSBS)</b>  | Financial Management                   | Data Science                       | Computer Networks                      | Web Technologies                          | Business Communications and Ethics  | Behavioural Economics                              |
|   |  |                                    |  |   | Data Warehousing and Data Mining    | Enterprise Resource Planning                       |
|   |  |                                    |  |   | Distributed Systems                 | Financial Modeling                                 |
|   |  |                                    |  |   | E-Commerce                          | Business Intelligence                              |
|   |  |                                    |  |   | Design Patterns                     | Cloud Computing                                    |
| <b>COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)</b> | Design and Analysis of Algorithms      | Data Science                       | Data Communication & Computer Networks | Web Programming                           | Data Warehousing and Data Mining    | Computer Graphics                                  |
|   |  |                                    |  |   | Software Testing                    | Artificial Intelligence                            |
|   |  |                                    |  |   | Distributed Systems                 | Distributed Databases                              |
|   |  |                                    |  |   | E-Commerce                          | Software Project Management                        |
|   |  |                                    |  |   | R-Programming                       | Quantum Computing                                  |

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

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

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

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| COMPUTER SCIENCE<br>AND ENGINEERING<br>(NETWORKS)<br>(70-CSE(NETWORKS)) | Design and<br>Analysis of<br>Algorithms | Database Management<br>Systems | Internetworking with<br>TCP/IP | Finite Automata and<br>Compiler Design | Advanced Computer<br>Architecture | Image Processing            |
|   |   |                                |                                |  | Distributed Systems               | Advanced Computer Networks  |
|   |   |                                |                                |  | Distributed Databases             | Data Analytics              |
|   |   |                                |                                |  | Optimization Techniques           | Mobile Application Security |
|   |   |                                |                                |  | DevOps                            | Game Theory                 |

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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) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R18 REGULATION