# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500 085

E X A M I N A T I O N   B R A N C H

## III YEAR B.TECH -I SEMESTER – R18 REGULATION COMPUTER BASED TEST (CBT) FEBRUARY -2023

## T I M E  T A B L E

| BRANCH | DATE, DAY AND SESSION | | | | | |
|---|---|---|---|---|---|---|
| | 25-02-2023 SATURDAY | | 27-02-2023 MONDAY | | 28-02-2023 TUESDAY | |
| | 12.00 PM TO 12.45 PM | 4.15 PM TO 5.00 PM | 12.00 PM TO 12.45 PM | 4.15 PM TO 5.00 PM | 12.00 PM TO 12.45 PM | 4.15 PM TO 5.00 PM |
| CIVIL ENGINEERING (01-C E) | Concrete Technology / Theory of Elasticity / Rock Mechanics | Geotechnical Engineering | Structural Engineering-I(RCC) | Transportation Engineering | Structural Analysis-II | Engineering Economics and Accountancy |
| ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE) | Power Electronics | Power System-II | Measurements and Instrumentation | Business Economics and Financial Analysis | Computer Architecture / High Voltage Engineering / Electrical Machine Design | |
| MECHANICAL ENGINEERING (03- ME) | Design of Machine Members-I | Operations Research | Dynamics of Machinery | Business Economics & Financial Analysis | Thermal Engineering-II | Metrology & Machine Tools |
| ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE) | Control Systems | Data Communications and Networks | Microprocessor & Microcontrollers | Business Economics & Financial Analysis | Error Correcting Codes / Electronic Measurements and Instrumentation / Computer Organization & Operating Systems | --- |

DATE: **20-02-2023**

Sd/-

**CONTROLLER OF EXAMINATIONS**

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| **COMPUTER SCIENCE & ENGINEERING (05- CSE)** | Formal Languages & Automata Theory | Software Engineering | Computer Networks | Web Technologies | Information Theory & Coding | Computer Graphics |
| | | | | | Advanced Computer Architecture | Advanced Operating Systems |
| | | | | | Data Analytics | Informational Retrieval Systems |
| | | | | | Image Processing | Distributed Databases |
| | | | | | Principles of Programming Languages | Natural Language Processing |
| **ELECTRONICS AND INSTRUMSNTTATION ENGINEERING ( 10-EIE)** | Control Systems | Process Dynamics and Control | Microprocessor & Microcontrollers | Business Economics & Financial Analysis | Instrumentation Practices in Industries | --- |
| | | | | | Operating Systems | |
| | | | | | Robotics and Automation | |
| **INFORMATION TECHNOLOGY ( 12-IT)** | Formal Languages & Automata Theory | Software Engineering | Web Programming | Data Communication & Computer Networks | Biometrics | Machine Learning |
| | | | | | Advanced Computer Architecture | Pattern Recognition |
| | | | | | Data Analytics | Computer Graphics |
| | | | | | Image Processing | Database Security |
| | | | | | Principles of Programming Languages | Advanced Operating Systems |

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| **MECHANICAL ENGINEERING (MECHATRONICS (14- MECT)** | Principles of Machine Design | CAD/CAM | Dynamics of Machinery | Business Economics & Financial Analysis | Manufacturing Process & Machine Tools | Mechanical Measurements & Control Systems |
| **METALLURGY AND MATERIAL ENGINEERING (18- MMT)** | Non-Ferrous Extractive Metallurgy | Environmental Degradation of Materials | --- | Mechanical Working of Metals | Powder Metallurgy / Nuclear Materials / Fatigue and Fracture Mechanics | Engineering Economics and Accountancy |
| **ELECTRONICS AND COMPUTER ENGINEERING ECM-(19)** | Microprocessors & Microcontrollers | Software Engineering | Formal Languages & Automata Theory | Data Communications and Networks | Data Analytics / Java Programming / Information Theory & Coding | ------ |
| **AERONUTICAL ENGINEERING (21- AE)** | Aircraft Propulsion | High Speed Aerodynamics | Finite Element Methods | Business Economics and Financial Analysis | Aircraft Systems and Controls | Aircraft Performance and Stability |

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

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

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

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

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