# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
## ANANTHAPURAMU - 515 002 (A.P.) - INDIA

**Examination Branch**

B.Tech III Year I Semester (R20) Regular & Supple January 2024 Examinations

Time: 02:00 PM to 05:00 PM

| Date / Day | INFORMATION TECHNOLOGY | ARTIFICIAL INTELLIGENCE & DATA SCIENCE | CSE (ARTIFICIAL INTELLIGENCE) | CSE (DATA SCIENCE) | CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) | CSE (INTERNET OF THINGS) | COMPUTER SCIENCE & ENGINEERING |
|---|---|---|---|---|---|---|---|
| 08.01.2024 Monday | Computer Networks 20A05501T | Big Data Technologies 20A05504 | Software Engineering for AI 20A30502 | Data Management Techniques 20A32501T | Software Engineering for AI 20A30502 | Computer Networks 20A05501T | |
| 10.01.2024 Wednesday | Artificial Intelligence 20A05502T | Machine Learning 20A05602T | | Artificial Intelligence 20A05502T | Machine Learning 20A05602T | Embedded Systems 20A35501 | Artificial Intelligence 20A05502T |
| 12.01.2024 Friday | Formal Languages and Automata Theory 20A05503 | Mining Massive Data Sets 20A30501T | Deep Learning 20a05703c | Foundations of Data Analytics 20A32502 | Deep Learning 20a05703c | Internet Programming and Web Technologies 20A35502T | Formal Languages and Automata Theory 20A05503 |
| 18.01.2024 Thursday | Professional Elective Course - I (See Annexure-I) | | | | | | |
| 20.01.2024 Saturday | Open Elective Course - I (See Annexure-II) | | | | | | |

Date : 16-12-2023

Controller of Examinations

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
## ANANTHAPURAMU - 515 002 (A.P.) - INDIA

**Examination Branch**

B.Tech III Year I Semester (R20) Regular & Supple January 2024 Examinations

Time: 02:00 PM to 05:00 PM

| Date / Day | CIVIL ENGINEERING | ELECTRICAL & ELECTRONICS ENGINEERING | FOOD TECHNOLOGY | MECHANICAL ENGINEERING | ELECTRONICS & COMMUNICATION ENGINEERING |
|---|---|---|---|---|---|
| 08.01.2024 Monday | Design of Reinforced Concrete Structures 20A01501 | Power System Architecture 20A02501 | Milk and Milk Products Processing 20A27501T | CAD / CAM 20A03501 | Control Systems Engineering 20A04501 |
| 10.01.2024 Wednesday | Geotechnical Engineering 20A01502T | Control Systems 20A02502T | Bakery & Confectionery Products Processing 20A27502 | Design of Machine Members 20A03502 | Digital Signal Processing 20A04502T |
| 12.01.2024 Friday | Building Materials and Construction 20A01503 | Measurements & Sensors 20A02503T | Food Packaging 20A27503T | Metrology and Measurements 20A03503T | Microprocessors and Microcontrollers 20A04503T |
| 18.01.2024 Thursday | Professional Elective Course - I (See Annexure-I) | | | | |
| 20.01.2024 Saturday | Open Elective Course - I (See Annexure-II) | | | | |

Date : 16-12-2023

Controller of Examinations

## Examination Branch

B.Tech III Year I Semester (R20) Regular & Supple January 2024 Examinations

Time: 02:00 PM to 05:00 PM

| Date / Day | CSE (CYBER SECURITY) | COMPUTER SCIENCE AND DESIGN | ARTIFICIAL INTELLIGENCE & MACHINE LEARNING |
|---|---|---|---|
| **08.01.2024** Monday | Database Management Systems 20A37501T | Multimedia Application Development 20A38502T | Software Engineering for AI 20A30502a |
| **10.01.2024** Wednesday | Cryptography and Network Security 20A37502T | Design of Interactive Systems 20A38503T | Machine Learning 20A05602T |
| **12.01.2024** Friday | Automata Theory and Compiler Desiign 20A38501 | | Network Technologies 20A39501T |
| **18.01.2024** Thursday | Professional Elective Course - I (See Annexure-I) | | |
| **20.01.2024** Saturday | Open Elective Course - I (See Annexure-II) | | |

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
  (ii) If any discrepancies are found, the same may be informed to the undersigned immediately

Date : 16-12-2023

**Controller of Examinations**

# Annexure - I
## B.Tech III Year I Semester (R20)

| Professional Elective Course - I | | |
|---|---|---|
| **Branch/Specialization** | **Course Code** | **Course Name** |
| CIVIL ENGINEERING | 20A01504a | Structural Analysis - II |
| CIVIL ENGINEERING | 20A01504b | Open Channel Flow |
| CIVIL ENGINEERING | 20A01504c | Building Construction Management |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A02504a | Switchgear and Protection |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A02504b | Power Electronics Drives |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A02504c | Power Quality |
| MECHANICAL ENGINEERING | 20A03504a | Automation & Robotics |
| MECHANICAL ENGINEERING | 20A03504b | Tool Design |
| MECHANICAL ENGINEERING | 20A03504c | Power Plant Engineering |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A04504a | Computer Architecture & Organization |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A04504b | Information Theory and Coding |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A05602Tc | Machine Learning |
| COMPUTER SCIENCE & ENGINEERING | 20A04702b | Digital Image Processing |
| COMPUTER SCIENCE & ENGINEERING | 20A05504a | Software Project Management |
| COMPUTER SCIENCE & ENGINEERING | 20A05504c | Big Data Technologies |
| INFORMATION TECHNOLOGY | 20A05603T | Internet of Things |
| INFORMATION TECHNOLOGY | 20A05604a | Software Testing |
| INFORMATION TECHNOLOGY | 20A12501a | Data Warehousing and Maining |
| FOOD TECHNOLOGY | 20A27504a | Food Nanotechnology |
| FOOD TECHNOLOGY | 20A27504b | Food Safety Management System |
| FOOD TECHNOLOGY | 20A27504c | Energy Audit Conservation |
| ARTIFICIAL INTELLIGENCE & DATA SCIENCE | 20A05501Tc | Computer Networks |
| ARTIFICIAL INTELLIGENCE & DATA SCIENCE | 20A30502a | Software Engineering for AI |
| ARTIFICIAL INTELLIGENCE & DATA SCIENCE | 20A30502b | Artificial Neural Networks |
| CSE (ARTIFICIAL INTELLIGENCE) | 20A05501Tc | Computer Networks |
| CSE (ARTIFICIAL INTELLIGENCE) | 20A05504c | Big Data Technologies |
| CSE (ARTIFICIAL INTELLIGENCE) | 20A31501a | Robotics Process Automation |
| CSE (DATA SCIENCE) | 20A05302T | Object Oriented Programming Through Java |
| CSE (DATA SCIENCE) | 20A12501a | Data Warehousing and Data Maining |
| CSE (DATA SCIENCE) | 20A12701a | Advanced Databases |
| CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) | 20A05501Tc | Computer Networks |
| CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) | 20A05504c | Big Data Technologies |
| CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) | 20A31501a | Robotics Process Automation |
| CSE (INTERNET OF THINGS) | 20A35503a | Communication Protocols for IoT |
| CSE (INTERNET OF THINGS) | 20A35503b | Adhoc and Wireless Sensor Networks |
| CSE (INTERNET OF THINGS) | 20A35503c | Data Dissemination Techniques |
| CSE (Cyber Security) | 20A05502T | Artificial Intelligence |
| CSE (Cyber Security) | 20A05603T | Internet of Things |
| CSE (Cyber Security) | 20A37501a | Network Management Systems and Operations |
| Computer Science and Design | 20A38504a | Aesthetics and Art |
| Computer Science and Design | 20A38504b | Computer Game Design and Programming |

| Computer Science and Design | 20A38504c | Film Making and Radio Podcasting |
|---|---|---|
| Artificial Intelligence and Machine Learning | 20A05504c | Big Data Technologies |
| Artificial Intelligence and Machine Learning | 20A30704 | Conversational AI |
| Artificial Intelligence and Machine Learning | 20A31601a | Robotics |

| Open Elective Course - I | | |
|---|---|---|
| **Branch/Specialization** | **Course Code** | **Course Name** |
| CIVIL ENGINEERING | 20A02505 | Electrical Vehicle |
| CIVIL ENGINEERING | 20A03505 | 3D Printing Technology |
| CIVIL ENGINEERING | 20A04505 | Digital Electronics |
| CIVIL ENGINEERING | 20A05502Tb | Artificial Intelligence |
| CIVIL ENGINEERING | 20A05505a | Java Programming |
| CIVIL ENGINEERING | 20A12502 | Mobile Application Development Using Android |
| CIVIL ENGINEERING | 20A27505 | Computer Applications in Food Processing |
| CIVIL ENGINEERING | 20A51501 | Chemistry of Energy Materials |
| CIVIL ENGINEERING | 20A54501 | Optimization Techniques |
| CIVIL ENGINEERING | 20A56501 | Materials Characterization Techniques |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A01505 | Building Technology |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A03505 | 3D Printing Technology |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A04506 | Principles of Communication Systems |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A05502Tb | Artificial Intelligence |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A05505a | Java Programming |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A12502 | Mobile Application Development Using Android |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A27505 | Computer Applications in Food Processing |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A51501 | Chemistry of Energy Materials |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A54501 | Optimization Techniques |
| ELECTRICAL & ELECTRONICS ENGINEERING | 20A56501 | Materials Characterization Techniques |
| MECHANICAL ENGINEERING | 20A01505 | Building Technology |
| MECHANICAL ENGINEERING | 20A02505 | Electrical Vehicle |
| MECHANICAL ENGINEERING | 20A04505 | Digital Electronics |
| MECHANICAL ENGINEERING | 20A05502Tb | Artificial Intelligence |
| MECHANICAL ENGINEERING | 20A05505a | Java Programming |
| MECHANICAL ENGINEERING | 20A12502 | Mobile Application Development Using Android |
| MECHANICAL ENGINEERING | 20A27505 | Computer Applications in Food Processing |
| MECHANICAL ENGINEERING | 20A51501 | Chemistry of Energy Materials |
| MECHANICAL ENGINEERING | 20A56501 | Materials Characterization Techniques |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A01505 | Building Technology |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A02505 | Electrical Vehicle |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A03505 | 3D Printing Technology |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A05502Tb | Artificial Intelligence |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A05505a | Java Programming |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A12502 | Mobile Application Development Using Android |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A27505 | Computer Applications in Food Processing |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A51501 | Chemistry of Energy Materials |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A54501 | Optimization Techniques |
| ELECTRONICS & COMMUNICATION ENGINEERING | 20A56501 | Materials Characterization Techniques |
| COMPUTER SCIENCE & ENGINEERING | 20A01505 | Building Technology |
| COMPUTER SCIENCE & ENGINEERING | 20A02505 | Electrical Vehicle |

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|---|---|---|
| COMPUTER SCIENCE & ENGINEERING | 20A03505 | 3D Printing Technology |
| COMPUTER SCIENCE & ENGINEERING | 20A04507 | MATLAB Programming for Engineers |
| COMPUTER SCIENCE & ENGINEERING | 20A04508 | Introduction to Control Systems |
| COMPUTER SCIENCE & ENGINEERING | 20A27505 | Computer Applications in Food Processing |
| COMPUTER SCIENCE & ENGINEERING | 20A51501 | Chemistry of Energy Materials |
| COMPUTER SCIENCE & ENGINEERING | 20A54501 | Optimization Techniques |
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| INFORMATION TECHNOLOGY | 20A01505 | Building Technology |
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