



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

Examination Branch

B.Tech III Year I Semester (R20) Supplementary July 2024 Examinations

Time: 10:00 AM to 01:00 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
16.07.2024 Tuesday	Computer Networks 20A05501T	Big Data Technologies 20A05504	Software Engineering for AI 20A30502	Data Management Techniques 20A32501T	Software Engineering for AI 20A30502	Computer Networks 20A05501T	
19.07.2024 Friday	Artificial Intelligence 20A05502T	Machine Learning 20A05602T	Artificial Intelligence 20A05502T	Machine Learning 20A05602T	Embedded Systems 20A35501		Artificial Intelligence 20A05502T
22.07.2024 Monday	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
24.07.2024 Wednesday	Professional Elective Course - I (See Annexure-I)						
26.07.2024 Friday	Open Elective Course - I (See Annexure-II)						

Date : 25-06-2024

Controller of Examinations



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

Examination Branch

B.Tech III Year I Semester (R20) Supplementary July 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	CIVIL ENGINEERING	ELECTRICAL & ELECTRONICS ENGINEERING	FOOD TECHNOLOGY	MECHANICAL ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING
16.07.2024 Tuesday	Design of Reinforced Concrete Structures 20A01501	Power System Architecture 20A02501	Milk and Milk Products Processing 20A27501T	CAD / CAM 20A03501	Control Systems Engineering 20A04501
19.07.2024 Friday	Geotechnical Engineering 20A01502T	Control Systems 20A02502T	Bakery & Confectionery Products Processing 20A27502	Design of Machine Members 20A03502	Digital Signal Processing 20A04502T
22.07.2024 Monday	Building Materials and Construction 20A01503	Measurements & Sensors 20A02503T	Food Packaging 20A27503T	Metrology and Measurements 20A03503T	Microprocessors and Microcontrollers 20A04503T
24.07.2024 Wednesday	Professional Elective Course - I (See Annexure-I)				
26.07.2024 Friday	Open Elective Course - I (See Annexure-II)				

Date : 25-06-2024

Controller of Examinations



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

Examination Branch

B.Tech III Year I Semester (R20) Supplementary July 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	CSE (CYBER SECURITY)	COMPUTER SCIENCE AND DESIGN	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
16.07.2024 Tuesday	Database Management Systems 20A37501T	Multimedia Application Development 20A38502T	Software Engineering for AI 20A30502a
19.07.2024 Friday	Cryptography and Network Security 20A37502T	Design of Interactive Systems 20A38503T	Machine Learning 20A05602T
22.07.2024 Monday	Automata Theory and Compiler Design 20A38501		Network Technologies 20A39501T
24.07.2024 Wednesday	Professional Elective Course - I (See Annexure-I)		
26.07.2024 Friday	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 : 25-06-2024

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

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

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

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
COMPUTER SCIENCE & ENGINEERING	20A56501	Materials Characterization Techniques
INFORMATION TECHNOLOGY	20A01505	Building Technology
INFORMATION TECHNOLOGY	20A02505	Electrical Vehicle
INFORMATION TECHNOLOGY	20A03505	3D Printing Technology
INFORMATION TECHNOLOGY	20A04507	MATLAB Programming for Engineers
INFORMATION TECHNOLOGY	20A04508	Introduction to Control Systems
INFORMATION TECHNOLOGY	20A27505	Computer Applications in Food Processing
INFORMATION TECHNOLOGY	20A51501	Chemistry of Energy Materials
INFORMATION TECHNOLOGY	20A54501	Optimization Techniques
INFORMATION TECHNOLOGY	20A56501	Materials Characterization Techniques
FOOD TECHNOLOGY	20A01505	Building Technology
FOOD TECHNOLOGY	20A02505	Electrical Vehicle
FOOD TECHNOLOGY	20A03505	3D Printing Technology
FOOD TECHNOLOGY	20A04505	Digital Electronics
FOOD TECHNOLOGY	20A05502Tb	Artificial Intelligence
FOOD TECHNOLOGY	20A05505a	Java Programming
FOOD TECHNOLOGY	20A12502	Mobile Application Development Using Android
FOOD TECHNOLOGY	20A51501	Chemistry of Energy Materials
FOOD TECHNOLOGY	20A54501	Optimization Techniques
FOOD TECHNOLOGY	20A56501	Materials Characterization Techniques
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A01505	Building Technology
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A02505	Electrical Vehicle
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A03505	3D Printing Technology
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A04507	MATLAB Programming for Engineers
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A04508	Introduction to Control Systems
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A27505	Computer Applications in Food Processing
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A51501	Chemistry of Energy Materials
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A54501	Optimization Techniques
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A56501	Materials Characterization Techniques
CSE (ARTIFICIAL INTELLIGENCE)	20A01505	Building Technology
CSE (ARTIFICIAL INTELLIGENCE)	20A02505	Electrical Vehicle
CSE (ARTIFICIAL INTELLIGENCE)	20A03505	3D Printing Technology
CSE (ARTIFICIAL INTELLIGENCE)	20A04507	MATLAB Programming for Engineers
CSE (ARTIFICIAL INTELLIGENCE)	20A04508	Introduction to Control Systems
CSE (ARTIFICIAL INTELLIGENCE)	20A27505	Computer Applications in Food Processing
CSE (ARTIFICIAL INTELLIGENCE)	20A51501	Chemistry of Energy Materials
CSE (ARTIFICIAL INTELLIGENCE)	20A54501	Optimization Techniques
CSE (ARTIFICIAL INTELLIGENCE)	20A56501	Materials Characterization Techniques
CSE (DATA SCIENCE)	20A01505	Building Technology
CSE (DATA SCIENCE)	20A02505	Electrical Vehicle

CSE (DATA SCIENCE)	20A03505	3D Printing Technology
CSE (DATA SCIENCE)	20A04507	MATLAB Programming for Engineers
CSE (DATA SCIENCE)	20A04508	Introduction to Control Systems
CSE (DATA SCIENCE)	20A27505	Computer Applications in Food Processing
CSE (DATA SCIENCE)	20A51501	Chemistry of Energy Materials
CSE (DATA SCIENCE)	20A54501	Optimization Techniques
CSE (DATA SCIENCE)	20A56501	Materials Characterization Techniques
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A01505	Building Technology
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A02505	Electrical Vehicle
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A03505	3D Printing Technology
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04507	MATLAB Programming for Engineers
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04508	Introduction to Control Systems
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A27505	Computer Applications in Food Processing
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A51501	Chemistry of Energy Materials
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A54501	Optimization Techniques
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A56501	Materials Characterization Techniques
CSE (INTERNET OF THINGS)	20A01505	Building Technology
CSE (INTERNET OF THINGS)	20A02505	Electrical Vehicle
CSE (INTERNET OF THINGS)	20A03505	3D Printing Technology
CSE (INTERNET OF THINGS)	20A04507	MATLAB Programming for Engineers
CSE (INTERNET OF THINGS)	20A04508	Introduction to Control Systems
CSE (INTERNET OF THINGS)	20A27505	Computer Applications in Food Processing
CSE (INTERNET OF THINGS)	20A51501	Chemistry of Energy Materials
CSE (INTERNET OF THINGS)	20A54501	Optimization Techniques
CSE (INTERNET OF THINGS)	20A56501	Materials Characterization Techniques
CSE (Cyber Security)	20A01505	Building Technology
CSE (Cyber Security)	20A02505	Electric Vehicles
CSE (Cyber Security)	20A03505	3D Printing Technology
CSE (Cyber Security)	20A04507	MATLAB Programming for Engineers
CSE (Cyber Security)	20A04508	Introduction to Control Systems
CSE (Cyber Security)	20A27505	Computer Applications in Food Processing
CSE (Cyber Security)	20A51501	Chemistry of Energy Materials
CSE (Cyber Security)	20A54501	Optimization Techniques
CSE (Cyber Security)	20A56501	Materials Characterization Techniques
Computer Science and Design	20A01505	Building Technology
Computer Science and Design	20A02505	Electrical Vehicle
Computer Science and Design	20A03505	3D Printing Technology
Computer Science and Design	20A04507	MATLAB Programming for Engineers
Computer Science and Design	20A04508	Introduction to Control Systems
Computer Science and Design	20A27505	Computer Applications in Food Processing
Computer Science and Design	20A51501	Chemistry of Energy Materials
Computer Science and Design	20A54501	Optimization Techniques
Computer Science and Design	20A56501	Materials Characterization Techniques
Artificial Intelligence and Machine Learning	20A01505	Building Technology
Artificial Intelligence and Machine Learning	20A02505	Electric Vehicles
Artificial Intelligence and Machine Learning	20A03505	3D Printing Technology

Artificial Intelligence and Machine Learning	20A04507	MATLAB Programming for Engineers
Artificial Intelligence and Machine Learning	20A04508	Introduction to Control Systems
Artificial Intelligence and Machine Learning	20A27505	Computer Applications in Food Processing
Artificial Intelligence and Machine Learning	20A51501	Chemistry of Energy Materials
Artificial Intelligence and Machine Learning	20A54501	Optimization Techniques
Artificial Intelligence and Machine Learning	20A56501	Materials Characterization Techniques