JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examination Branch

B.Tech IV Year I Semester (R20) Regular & Supple December/January 2024/2025 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	INFORMATION TECHNOLOGY	ARTIFICIAL INTELLIGENCE & DATA SCIENCE	CSE (ARTIFICIAL INTELLIGENCE)	CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	CSE (DATA SCIENCE)	CSE (INTERNET OF THINGS)	COMPUTER SCIENCE & ENGINEERING
13.12.2024 Friday	Cyber Security 20A05705a	Process Mining 20A30701a	Recommender Systems 20A31701a		Cyber Security 20A05705a		Agile Methodologies 20A05701b
	Human Computer Interaction 20A12702a	Intelligent Information Retrieval Systems 20A30701b			User Interface Design 20A32701a	Privacy and Security in IOT 20A35702a	Vehicular Adhoc Networks 20A05701c
	...	Knowledge Representation and Reasoning 20A30701c			Process Mining 20A32701b	-	...
16.12.2024 Monday	Game Development 20A12703a	Optimization Techniques in AI 20A30702a	Optimization Techniques in AI 20A31702a		Cryptography & Network Security 20A05702b	Big Data Analytics for IOT 20A35701a	...
	Augmented Reality & Virtual Reality 20A12703b	...				Business Analytics 20A35701b	Cryptography & Network Security 20A05702b
	Computer Vision 20A05604c	-	Game Development in AI 20A31702b	Machine Learning for Unstructured Data 20A33701a		Data Visualization 20A32601T	
18.12.2024 Wednesday	Advanced Databases 20A12701a	Dev Ops 20A30703a			Bio Informatics 20A32702a	Wearable Computing 20A35703c	Full Stack Development 20A05703a
	...				Social Network Analysis 20A32702b	Fog and Edge Computing 20A35703a	...
	..	Reinforcement Learning 20A30703b				Industrial and Medical IOT 20A35703b	

Controller of Examinations

Notified on 07-11-2024

Revised on 18-11-2024

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Date / Day	INFORMATION TECHNOLOGY	ARTIFICIAL INTELLIGENCE & DATA SCIENCE	CSE (ARTIFICIAL INTELLIGENCE)	CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	CSE (DATA SCIENCE)	CSE (INTERNET OF THINGS)	COMPUTER SCIENCE & ENGINEERING
20.12.2024 Friday			Management Science 20A52701b	Entrepreneurship and Incubation 20A52701a	Enterprise Resource Planning 20A52701c		
23.12.2024 Monday			Open Elective Course - III (See Annexure-I)				
26.12.2024 Thursday			Open Elective Course - IV (See Annexure-II)				
28.12.2024 Saturday		Blockchain Technology and Applications 20A05703b					
30.12.2024 Monday		Deep Learning 20A05703c	---	Deep Learning 20A05703c	Deep Learning 20A05703c	Deep Learning 20A05703c	Deep Learning 20A05703c
02.01.2025 Thursday	Natural Language Processing 20A05702c		AI for Image Analysis 20A30702b	Natural Language Processing 20A05702c	Natural Language Processing 20A05702c	---	Natural Language Processing 20A05702c
04.01.2025 Saturday			---	---			Cloud Computing 20A05701a
06.01.2025 Monday			---	---			Fundamentals of AR/VR 20A05702a

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Date / Day	CIVIL ENGINEERING	ELECTRICAL & ELECTRONICS ENGINEERING	FOOD TECHNOLOGY	MECHANICAL ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING
13.12.2024 Friday	Finite Element Analysis 20A01701a	Power System Operation & Control 20A02701a	Food Engineering 20A27701a	Modern Manufacturing Methods 20A03701a	DSP Processors & Architectures 20A04701a
	Railways, Airport and Harbour Engineering 20A01701b	Switched Mode Power Converters 20A02701b	Food Toxicology 20A27701b	Design for Manufacturing (DFM) 20A03701b	Introduction to Internet of Things 20A04701b
	Ground Improvement Techniques 20A01701c	Electrical & Electronics Instrumentation 20A02701c	Novel Technologies for Food Processing 20A27701c	Operations Research 20A03701c	Satellite Communications 20A04701c
16.12.2024 Monday	Prestressed Concrete 20A01702a	Electrical distribution System & Automation 20A02702a	Thermal Processing of Foods 20A27702c	Automobile Engineering 20A03702a	Real Time Operating Systems 20A04702a
	Hydraulic Structures and Waterpower Engineering 20A01702b	FPGA Based Controller Design 20A02702b	Brewing Technology 20A27702a	Mechanical Vibrations 20A03702b	Digital Image Processing 20A04702b
	Industrial Waste and Wastewater Management 20A01702c	Intelligent Control Techniques 20A02702c	Food Additives 20A27702b	Refrigeration & Air Conditioning 20A03702c	Radar Engineering 20A04702c
18.12.2024 Wednesday	Design and Drawing of Irrigation Structures 20A01703c	Electrical Vehicle Technologies 20A02703c	Extrusion Technology 20A27703a	Geometric Dimensioning and Tolerances 20A03703c	Cellular & Mobile Communications 20A04703c
	Remote Sensing and GIS 20A01703a	Programmable Logic Controllers 20A02703a	Food Safety and Standards Act & Regulations in India 20A27703b	Mechatronics & MEMS 20A03703a	Smart Sensors 20A04703a
	Bridge Engineering 20A01703b	Linear & Digital IC Applications 20A04403T	Food Plant Sanitation and Hygiene 20A27703c	Design of Oil Hydraulics and Pneumatics 20A03703b	Nano Electronics 20A04703b

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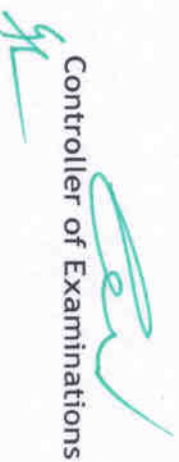ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examination Branch

B.Tech IV Year I Semester (R20) Regular & Supple December/January 2024/2025 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	CIVIL ENGINEERING	ELECTRICAL & ELECTRONICS ENGINEERING	FOOD TECHNOLOGY	MECHANICAL ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING
20.12.2024 Friday			Entrepreneurship and Incubation 20A52701a		
23.12.2024 Monday			Management Science 20A52701b		
26.12.2024 Thursday			Enterprise Resource Planning 20A52701c		
			Open Elective Course - III (See Annexure-I)		
			Open Elective Course - IV (See Annexure-II)		

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Examination Branch

B.Tech IV Year I Semester (R20) Regular & Supple December/January 2024/2025 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	CSE (CYBER SECURITY)	COMPUTER SCIENCE AND DESIGN	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
13.12.2024 Friday	Privacy Preserving & Data Publishing 20A05H01	---	Recommender Systems 20A31701a
	---	---	Intelligent Information Retrieval Systems 20A30701b
	Quantum Computing 20A37701a	Internet of Things 20A05603T	---
16.12.2024 Monday	Cyber Laws 20A37702a	Usability Studies & Evaluation 20A38701a	Optimization Techniques in AI 20A31702a
	---	Animation Principles & Design 20A38701b	Applications of AI 20A30601T
	---	Digital Audio Design & Synthesis 20A38701c	**Game Development in AI 20A31702b**
18.12.2024 Wednesday	Authentication Techniques 20A37703a	Full Stack Development 20A05703a	---
	Cyber Physical Systems 20A35603T	---	Reinforcement Learning 20A30703b
	---	---	---
20.12.2024 Friday	Entrepreneurship and Incubation 20A52701a		
	Management Science 20A52701b		
	Enterprise Resource Planning 20A52701c		
23.12.2024 Monday	Open Elective Course - III (See Annexure-I)		
26.12.2024 Thursday	Open Elective Course - IV (See Annexure-II)		
28.12.2024 Saturday	Blockchain Technology and Applications 20A05703b		
30.12.2024 Monday	Deep Learning 20A05703c		---
02.01.2025 Thursday	Natural Language Processing 20A05702c	---	AI for Image Analysis 20A30702b
04.01.2025 Saturday	---	Cloud Computing 20A05701a	
06.01.2025 Monday	Fundamentals of AR/VR 20A05702a		---

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

Notified on 07-11-2024
Revised on 18-11-2024

Controller of Examinations

Open Elective Course - III		
Branch/Specialization	Course Code	Course Name
CIVIL ENGINEERING	20A02704	IOT Application in Electrical Engineering
CIVIL ENGINEERING	20A03704	Product Design & Development
CIVIL ENGINEERING	20A04704	Electronic Sensors
CIVIL ENGINEERING	20A05704a	Web Technologies
CIVIL ENGINEERING	20A05704b	VR & AR for Engineers
CIVIL ENGINEERING	20A05704c	Software Engineering
CIVIL ENGINEERING	20A27704	Human Nutrition
CIVIL ENGINEERING	20A51702	Chemistry of Nanomaterials and Applications
CIVIL ENGINEERING	20A54702	Numerical Methods for Engineers
CIVIL ENGINEERING	20A56702	Sensors and Actuators for Engineering Applications
ELECTRICAL & ELECTRONICS ENGINEERING	20A01704	Cost Effective Housing Techniques
ELECTRICAL & ELECTRONICS ENGINEERING	20A03704	Product Design & Development
ELECTRICAL & ELECTRONICS ENGINEERING	20A04704	Electronic Sensors
ELECTRICAL & ELECTRONICS ENGINEERING	20A05704a	Web Technologies
ELECTRICAL & ELECTRONICS ENGINEERING	20A05704b	VR & AR for Engineers
ELECTRICAL & ELECTRONICS ENGINEERING	20A05704c	Software Engineering
ELECTRICAL & ELECTRONICS ENGINEERING	20A27704	Human Nutrition
ELECTRICAL & ELECTRONICS ENGINEERING	20A51702	Chemistry of Nanomaterials and Applications
ELECTRICAL & ELECTRONICS ENGINEERING	20A54702	Numerical Methods for Engineers
ELECTRICAL & ELECTRONICS ENGINEERING	20A56702	Sensors and Actuators for Engineering Applications
MECHANICAL ENGINEERING	20A01704	Cost Effective Housing Techniques
MECHANICAL ENGINEERING	20A02704	IOT Applications in Electrical Engineering
MECHANICAL ENGINEERING	20A04704	Electronic Sensors
MECHANICAL ENGINEERING	20A05704a	Web Technologies
MECHANICAL ENGINEERING	20A05704b	VR & AR for Engineers
MECHANICAL ENGINEERING	20A05704c	Software Engineering
MECHANICAL ENGINEERING	20A27704	Human Nutrition
MECHANICAL ENGINEERING	20A51702	Chemistry of Nanomaterials and Applications
MECHANICAL ENGINEERING	20A54702	Numerical Methods for Engineers
MECHANICAL ENGINEERING	20A56702	Sensors and Actuators for Engineering Applications
ELECTRONICS & COMMUNICATION ENGINEERING	20A01704	Cost Effective Housing Techniques
ELECTRONICS & COMMUNICATION ENGINEERING	20A02704	IOT Applications in Electrical Engineering
ELECTRONICS & COMMUNICATION ENGINEERING	20A03704	Product Design & Development
ELECTRONICS & COMMUNICATION ENGINEERING	20A05704a	Web Technologies
ELECTRONICS & COMMUNICATION ENGINEERING	20A05704b	VR & AR for Engineers
ELECTRONICS & COMMUNICATION ENGINEERING	20A05704c	Software Engineering
ELECTRONICS & COMMUNICATION ENGINEERING	20A27704	Human Nutrition
ELECTRONICS & COMMUNICATION ENGINEERING	20A51702	Chemistry of Nanomaterials and Applications
ELECTRONICS & COMMUNICATION ENGINEERING	20A54702	Numerical Methods for Engineers

ELECTRONICS & COMMUNICATION ENGINEERING	20A56702	Sensors and Actuators for Engineering Applications
COMPUTER SCIENCE & ENGINEERING	20A01704	Cost Effective Housing Techniques
COMPUTER SCIENCE & ENGINEERING	20A02704	IOT Applications in Electrical Engineering
COMPUTER SCIENCE & ENGINEERING	20A03704	Product Design & Development
COMPUTER SCIENCE & ENGINEERING	20A04506	Principles of Communication Systems
COMPUTER SCIENCE & ENGINEERING	20A04704	Electronic Sensors
COMPUTER SCIENCE & ENGINEERING	20A27704	Human Nutrition
COMPUTER SCIENCE & ENGINEERING	20A51702	Chemistry of Nanomaterials and Applications
COMPUTER SCIENCE & ENGINEERING	20A54702	Numerical Methods for Engineers
COMPUTER SCIENCE & ENGINEERING	20A56702	Sensors and Actuators for Engineering Applications
INFORMATION TECHNOLOGY	20A01704	Cost Effective Housing Techniques
INFORMATION TECHNOLOGY	20A02704	IOT Applications in Electrical Engineering
INFORMATION TECHNOLOGY	20A03704	Product Design & Development
INFORMATION TECHNOLOGY	20A04506	Principles of Communication Systems
INFORMATION TECHNOLOGY	20A04704	Electronic Sensors
INFORMATION TECHNOLOGY	20A27704	Human Nutrition
INFORMATION TECHNOLOGY	20A51702	Chemistry of Nanomaterials and Applications
INFORMATION TECHNOLOGY	20A54702	Numerical Methods for Engineers
INFORMATION TECHNOLOGY	20A56702	Sensors and Actuators for Engineering Applications
FOOD TECHNOLOGY	20A01704	Cost Effective Housing Techniques
FOOD TECHNOLOGY	20A02704	IOT Applications in Electrical Engineering
FOOD TECHNOLOGY	20A03704	Product Design & Development
FOOD TECHNOLOGY	20A04704	Electronic Sensors
FOOD TECHNOLOGY	20A05704a	Web Technologies
FOOD TECHNOLOGY	20A05704b	VR & AR for Engineers
FOOD TECHNOLOGY	20A05704c	Software Engineering
FOOD TECHNOLOGY	20A51702	Chemistry of Nanomaterials and Applications
FOOD TECHNOLOGY	20A54702	Numerical Methods for Engineers
FOOD TECHNOLOGY	20A56702	Sensors and Actuators for Engineering Applications
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A01704	Cost Effective Housing Techniques
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A02704	IOT Applications in Electrical Engineering
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A03704	Product Design & Development
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A04506	Principles of Communication Systems
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ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A51702	Chemistry of Nanomaterials and Applications
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A54702	Numerical Methods for Engineers
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A56702	Sensors and Actuators for Engineering Applications
CSE (ARTIFICIAL INTELLIGENCE)	20A01704	Cost Effective Housing Techniques
CSE (ARTIFICIAL INTELLIGENCE)	20A02704	IOT Applications in Electrical Engineering
CSE (ARTIFICIAL INTELLIGENCE)	20A03704	Product Design & Development
CSE (ARTIFICIAL INTELLIGENCE)	20A04506	Principles of Communication Systems
CSE (ARTIFICIAL INTELLIGENCE)	20A04704	Electronic Sensors

CSE (ARTIFICIAL INTELLIGENCE)	20A27704	Human Nutrition
CSE (ARTIFICIAL INTELLIGENCE)	20A51702	Chemistry of Nanomaterials and Applications
CSE (ARTIFICIAL INTELLIGENCE)	20A54702	Numerical Methods for Engineers
CSE (ARTIFICIAL INTELLIGENCE)	20A56702	Sensors and Actuators for Engineering Applications
CSE (DATA SCIENCE)	20A01704	Cost Effective Housing Techniques
CSE (DATA SCIENCE)	20A02704	IOT Applications in Electrical Engineering
CSE (DATA SCIENCE)	20A03704	Product Design & Development
CSE (DATA SCIENCE)	20A04506	Principles of Communication Systems
CSE (DATA SCIENCE)	20A04704	Electronic Sensors
CSE (DATA SCIENCE)	20A27704	Human Nutrition
CSE (DATA SCIENCE)	20A51702	Chemistry of Nanomaterials and Applications
CSE (DATA SCIENCE)	20A54702	Numerical Methods for Engineers
CSE (DATA SCIENCE)	20A56702	Sensors and Actuators for Engineering Applications
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A01704	Cost Effective Housing Techniques
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A02704	IOT Applications in Electrical Engineering
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A03704	Product Design & Development
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04506	Principles of Communication Systems
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04704	Electronic Sensors
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A27704	Human Nutrition
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A51702	Chemistry of Nanomaterials and Applications
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A54702	Numerical Methods for Engineers
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A56702	Sensors and Actuators for Engineering Applications
CSE (INTERNET OF THINGS)	20A01704	Cost Effective Housing Techniques
CSE (INTERNET OF THINGS)	20A02704	IOT Applications in Electrical Engineering
CSE (INTERNET OF THINGS)	20A03704	Product Design & Development
CSE (INTERNET OF THINGS)	20A04506	Principles of Communication Systems
CSE (INTERNET OF THINGS)	20A04704	Electronic Sensors
CSE (INTERNET OF THINGS)	20A27704	Human Nutrition
CSE (INTERNET OF THINGS)	20A51702	Chemistry of Nanomaterials and Applications
CSE (INTERNET OF THINGS)	20A54702	Numerical Methods for Engineers
CSE (INTERNET OF THINGS)	20A56702	Sensors and Actuators for Engineering Applications
CSE (CYBER SECURITY)	20A01704	Cost Effective Housing Techniques
CSE (CYBER SECURITY)	20A02704	IOT Applications in Electrical Engineering
CSE (CYBER SECURITY)	20A03704	Product Design & Development
CSE (CYBER SECURITY)	20A04704	Electronic Sensors
CSE (CYBER SECURITY)	20A04506	Principles of Communication Systems
CSE (CYBER SECURITY)	20A27704	Human Nutrition
CSE (CYBER SECURITY)	20A54702	Numerical Methods for Engineers
CSE (CYBER SECURITY)	20A56702	Sensors and Actuators for Engineering Applications
CSE (CYBER SECURITY)	20A51702	Chemistry of Nanomaterials and Applications
COMPUTER SCIENCE AND DESIGN	20A01704	Cost Effective Housing Techniques
COMPUTER SCIENCE AND DESIGN	20A02704	IOT Applications in Electrical Engineering
COMPUTER SCIENCE AND DESIGN	20A03704	Product Design & Development
COMPUTER SCIENCE AND DESIGN	20A04704	Electronic Sensors
COMPUTER SCIENCE AND DESIGN	20A04506	Principles of Communication Systems
COMPUTER SCIENCE AND DESIGN	20A27704	Human Nutrition
COMPUTER SCIENCE AND DESIGN	20A54702	Numerical Methods for Engineers

COMPUTER SCIENCE AND DESIGN	20A56702	Sensors and Actuators for Engineering Applications
COMPUTER SCIENCE AND DESIGN	20A51702	Chemistry of Nanomaterials and Applications
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A01704	Cost Effective Housing Techniques
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A02704	IOT Applications in Electrical Engineering
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A03704	Product Design & Development
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A04704	Electronic Sensors
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A04506	Principles of Communication Systems
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A27704	Human Nutrition
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A54702	Numerical Methods for Engineers
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A56702	Sensors and Actuators for Engineering Applications
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A51702	Chemistry of Nanomaterials and Applications

Open Elective Course - IV		
Branch/Specialization	Course Code	Course Name
CIVIL ENGINEERING	20A02705	Renewable Energy Systems
CIVIL ENGINEERING	20A03705	Introduction to Composite Materials
CIVIL ENGINEERING	20A04705	Microcontrollers and Applications
CIVIL ENGINEERING	20A05705a	Cyber Security
CIVIL ENGINEERING	20A05705b	Introduction to Full Stack Development
CIVIL ENGINEERING	20A05705c	Industrial IOT
CIVIL ENGINEERING	20A27705	Waste and Effluent Management
CIVIL ENGINEERING	20A51703	Green Chemistry and Catalysis for Sustainable Environment
CIVIL ENGINEERING	20A54703	Number Theory & Its Applications
CIVIL ENGINEERING	20A56703	Smart Materials and Devices
ELECTRICAL & ELECTRONICS ENGINEERING	20A01705	Health, Safety & Environmental Management
ELECTRICAL & ELECTRONICS ENGINEERING	20A03705	Introduction to Composite Materials
ELECTRICAL & ELECTRONICS ENGINEERING	20A04706	Principles of Cellular & Mobile Communications
ELECTRICAL & ELECTRONICS ENGINEERING	20A05705a	Cyber Security
ELECTRICAL & ELECTRONICS ENGINEERING	20A05705b	Introduction to Full Stack Development
ELECTRICAL & ELECTRONICS ENGINEERING	20A05705c	Industrial IOT
ELECTRICAL & ELECTRONICS ENGINEERING	20A27705	Waste and Effluent Management
ELECTRICAL & ELECTRONICS ENGINEERING	20A51703	Green Chemistry and Catalysis for Sustainable Environment
ELECTRICAL & ELECTRONICS ENGINEERING	20A54703	Number Theory & Its Applications
ELECTRICAL & ELECTRONICS ENGINEERING	20A56703	Smart Materials and Devices
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MECHANICAL ENGINEERING	20A05705b	Introduction to Full Stack Development
MECHANICAL ENGINEERING	20A05705c	Industrial IOT
MECHANICAL ENGINEERING	20A27705	Waste and Effluent Management
MECHANICAL ENGINEERING	20A51703	Green Chemistry and Catalysis for Sustainable Environment
MECHANICAL ENGINEERING	20A54703	Number Theory & Its Applications
MECHANICAL ENGINEERING	20A56703	Smart Materials and Devices
ELECTRONICS & COMMUNICATION ENGINEERING	20A01705	Health, Safety & Environmental Management
ELECTRONICS & COMMUNICATION ENGINEERING	20A02705	Renewable Energy Systems
ELECTRONICS & COMMUNICATION ENGINEERING	20A03705	Introduction to Composite Materials
ELECTRONICS & COMMUNICATION ENGINEERING	20A05705a	Cyber Security
ELECTRONICS & COMMUNICATION ENGINEERING	20A05705b	Introduction to Full Stack Development
ELECTRONICS & COMMUNICATION ENGINEERING	20A27705	Waste and Effluent Management
ELECTRONICS & COMMUNICATION ENGINEERING	20A51703	Green Chemistry and Catalysis for Sustainable Environment
ELECTRONICS & COMMUNICATION ENGINEERING	20A54703	Number Theory & Its Applications
ELECTRONICS & COMMUNICATION ENGINEERING	20A56703	Smart Materials and Devices

COMPUTER SCIENCE & ENGINEERING	20A01705	Health, Safety & Environmental Management
COMPUTER SCIENCE & ENGINEERING	20A02705	Renewable Energy Systems
COMPUTER SCIENCE & ENGINEERING	20A03705	Introduction to Composite Materials
COMPUTER SCIENCE & ENGINEERING	20A04705	Microcontrollers and Applications
COMPUTER SCIENCE & ENGINEERING	20A04706	Principles of Cellular & Mobile Communications
COMPUTER SCIENCE & ENGINEERING	20A27705	Waste and Effluent Management
COMPUTER SCIENCE & ENGINEERING	20A51703	Green Chemistry and Catalysis for Sustainable Environment
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INFORMATION TECHNOLOGY	20A02705	Renewable Energy Systems
INFORMATION TECHNOLOGY	20A03705	Introduction to Composite Materials
INFORMATION TECHNOLOGY	20A04705	Microcontrollers and Applications
INFORMATION TECHNOLOGY	20A04706	Principles of Cellular & Mobile Communications
INFORMATION TECHNOLOGY	20A27705	Waste and Effluent Management
INFORMATION TECHNOLOGY	20A51703	Green Chemistry and Catalysis for Sustainable Environment
INFORMATION TECHNOLOGY	20A54703	Number Theory & Its Applications
INFORMATION TECHNOLOGY	20A56703	Smart Materials and Devices
FOOD TECHNOLOGY	20A01705	Health, Safety & Environmental Management
FOOD TECHNOLOGY	20A02705	Renewable Energy Systems
FOOD TECHNOLOGY	20A03705	Introduction to Composite Materials
FOOD TECHNOLOGY	20A04705	Microcontrollers and Applications
FOOD TECHNOLOGY	20A05705a	Cyber Security
FOOD TECHNOLOGY	20A05705b	Introduction to Full Stack Development
FOOD TECHNOLOGY	20A05705c	Industrial IOT
FOOD TECHNOLOGY	20A51703	Green Chemistry and Catalysis for Sustainable Environment
FOOD TECHNOLOGY	20A54703	Number Theory & Its Applications
FOOD TECHNOLOGY	20A56703	Smart Materials and Devices
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A01705	Health, Safety & Environmental Management
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A02705	Renewable Energy Systems
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A03705	Introduction to Composite Materials
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A04705	Microcontrollers and Applications
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A04706	Principles of Cellular & Mobile Communications
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A27705	Waste and Effluent Management
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A51703	Green Chemistry and Catalysis for Sustainable Environment
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A54703	Number Theory & Its Applications
ARTIFICIAL INTELLIGENCE & DATA SCIENCE	20A56703	Smart Materials and Devices
CSE (ARTIFICIAL INTELLIGENCE)	20A01705	Health, Safety & Environmental Management
CSE (ARTIFICIAL INTELLIGENCE)	20A02705	Renewable Energy Systems
CSE (ARTIFICIAL INTELLIGENCE)	20A03705	Introduction to Composite Materials
CSE (ARTIFICIAL INTELLIGENCE)	20A04705	Microcontrollers and Applications
CSE (ARTIFICIAL INTELLIGENCE)	20A04706	Principles of Cellular & Mobile Communications
CSE (ARTIFICIAL INTELLIGENCE)	20A27705	Waste and Effluent Management

CSE (ARTIFICIAL INTELLIGENCE)	20A51703	Green Chemistry and Catalysis for Sustainable Environment
CSE (ARTIFICIAL INTELLIGENCE)	20A54703	Number Theory & Its Applications
CSE (ARTIFICIAL INTELLIGENCE)	20A56703	Smart Materials and Devices
CSE (DATA SCIENCE)	20A01705	Health, Safety & Environmental Management
CSE (DATA SCIENCE)	20A02705	Renewable Energy Systems
CSE (DATA SCIENCE)	20A03705	Introduction to Composite Materials
CSE (DATA SCIENCE)	20A04705	Microcontrollers and Applications
CSE (DATA SCIENCE)	20A04706	Principles of Cellular & Mobile Communications
CSE (DATA SCIENCE)	20A27705	Waste and Effluent Management
CSE (DATA SCIENCE)	20A51703	Green Chemistry and Catalysis for Sustainable Environment
CSE (DATA SCIENCE)	20A54703	Number Theory & Its Applications
CSE (DATA SCIENCE)	20A56703	Smart Materials and Devices
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A01705	Health, Safety & Environmental Management
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A02705	Renewable Energy Systems
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A03705	Introduction to Composite Materials
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04705	Microcontrollers and Applications
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A04706	Principles of Cellular & Mobile Communications
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A27705	Waste and Effluent Management
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A51703	Green Chemistry and Catalysis for Sustainable Environment
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A54703	Number Theory & Its Applications
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	20A56703	Smart Materials and Devices
CSE (INTERNET OF THINGS)	20A01705	Health, Safety & Environmental Management
CSE (INTERNET OF THINGS)	20A02705	Renewable Energy Systems
CSE (INTERNET OF THINGS)	20A03705	Introduction to Composite Materials
CSE (INTERNET OF THINGS)	20A04706	Principles of Cellular & Mobile Communications
CSE (INTERNET OF THINGS)	20A27705	Waste and Effluent Management
CSE (INTERNET OF THINGS)	20A51703	Green Chemistry and Catalysis for Sustainable Environment
CSE (INTERNET OF THINGS)	20A54703	Number Theory & Its Applications
CSE (INTERNET OF THINGS)	20A56703	Smart Materials and Devices
CSE (CYBER SECURITY)	20A01705	Health, Safety & Environmental Management
CSE (CYBER SECURITY)	20A02705	Renewable Energy Systems
CSE (CYBER SECURITY)	20A03705	Introduction to Composite Materials
CSE (CYBER SECURITY)	20A04705	Microcontrollers and Applications
CSE (CYBER SECURITY)	20A04706	Principles of Cellular & Mobile Communications
CSE (CYBER SECURITY)	20A27705	Waste and Effluent Management
CSE (CYBER SECURITY)	20A54703	Number Theory & Its Applications
CSE (CYBER SECURITY)	20A56703	Smart Materials and Devices
CSE (CYBER SECURITY)	20A51703	Green Chemistry and Catalysis for Sustainable Environment
COMPUTER SCIENCE AND DESIGN	20A01705	Health, Safety & Environmental Management
COMPUTER SCIENCE AND DESIGN	20A02705	Renewable Energy Systems
COMPUTER SCIENCE AND DESIGN	20A03705	Introduction to Composite Materials
COMPUTER SCIENCE AND DESIGN	20A04705	Microcontrollers and Applications

COMPUTER SCIENCE AND DESIGN	20A04706	Principles of Cellular & Mobile Communications
COMPUTER SCIENCE AND DESIGN	20A27705	Waste and Effluent Management
COMPUTER SCIENCE AND DESIGN	20A54703	Number Theory & Its Applications
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ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	20A01705	Health, Safety & Environmental Management
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