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

Examination Branch

M.Tech III Semester (R21) Regular & Supple November 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	All Branches
18.11.2024 Monday	Program Elective Course - V (See Annexure-I)
20.11.2024 Wednesday	Open Elective (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 : 24-10-2024

Controller of Examinations

Program Elective Course - V		
Branch/Specialization	**Course Code**	**Course Name**
CAD/CAM	21D04301a	ADVANCED TOOL DESIGN
CAD/CAM	21D04301b	DESIGN FOR MANUFACTURING
CAD/CAM	21D04301c	COMPUTER AIDED TOOLS FOR MANUFACTURING
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21D06301a	EMBEDDED SYSTEMS PROTOCOLS
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21D06301b	SOFT COMPUTING TECHNIQUES
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21D06301c	COMMUNICATION BUSES AND INTERFACES
ELECTRICAL POWER SYSTEMS	21D07301a	RESTRUCTURED POWER SYSTEMS
ELECTRICAL POWER SYSTEMS	21D07301b	RELIABILITY ENGINEERING AND APPLICATIONS TO POWER SYSTEMS
ELECTRICAL POWER SYSTEMS	21D07301c	POWER SYSTEM AUTOMATION
COMPUTER NETWORKS	21D08301a	CLUSTER COMPUTING
COMPUTER NETWORKS	21D08301b	ARCHITECTURE OF SOFTWARE DEFINED NETWORKS
COMPUTER NETWORKS	21D58201	OPERATING SYSTEM INTERNALS
THERMAL SCIENCES AND ENERGY SYSTEMS	21D11301a	SOLAR PASSIVE ARCHITECTURE
THERMAL SCIENCES AND ENERGY SYSTEMS	21D11301b	ADVANCED POWER PLANT ENGINEERING
THERMAL SCIENCES AND ENERGY SYSTEMS	21D11301c	COGENERATION AND WASTE HEAT RECOVERY
GEOTECHNICAL ENGINEERING	21D12301a	FOUNDATION ENGINEERING FOR PROBLEMATIC SOILS
GEOTECHNICAL ENGINEERING	21D12301b	REMOTE SENSING AND ITS APPLICATION IN GEOTECHNICAL ENGINEERING
GEOTECHNICAL ENGINEERING	21D12301c	OFF SHORE GEOTECHNICAL ENGINEERING
MACHINE DESIGN	21D15301a	QUALITY CONCEPTS IN DESIGN
MACHINE DESIGN	21D15301b	DESIGN OF HYDRAULIC AND PNEUMATIC SYSTEMS
MACHINE DESIGN	21D15301c	APPLIED ENGINEERING ACOUSTICS
REFRIGERATION AND AIR-CONDITIONING	21D11301c	COGENERATION AND WASTE HEAT RECOVERY
REFRIGERATION AND AIR-CONDITIONING	21D17301a	DESIGN OF AIR HANDLING SYSTEMS
REFRIGERATION AND AIR-CONDITIONING	21D17301b	INDOOR AIR QUALITY CONTROL
STRUCTURAL ENGINEERING	21D20301a	LOW - COST HOUSING TECHNIQUES
STRUCTURAL ENGINEERING	21D20301b	BUILDING CONSTRUCTION MANAGEMENT
STRUCTURAL ENGINEERING	21D35301a	EARTHQUAKE RESISTANT DESIGN OF BUILDINGS
CONSTRUCTION PLANNING AND MANAGEMENT	21D21301a	LOW COST HOUSING TECHNIQUES
CONSTRUCTION PLANNING AND MANAGEMENT	21D21301b	BUILDING SERVICES
CONSTRUCTION PLANNING AND MANAGEMENT	21D21301c	EARTHQUAKE RESISTANT DESIGN OF STRUCTURES
SOFTWARE ENGINEERING	21D08203a	MOBILE UTILITIES DEVELOPMENT
SOFTWARE ENGINEERING	21D25301a	BLOCK CHAIN TECHNOLOGIES
SOFTWARE ENGINEERING	21D58203b	SERVICE ORIENTED ARCHITECTURE AND MICRO SERVICES
COMPUTER AIDED STRUCTURAL ENGINEERING	21D35301a	EARTHQUAKE RESISTANT DESIGN OF BUILDINGS
COMPUTER AIDED STRUCTURAL ENGINEERING	21D35301b	CAD AND COMPUTER APPLICATIONS IN STRUCTURAL ENGINEERING
COMPUTER AIDED STRUCTURAL ENGINEERING	21D35301c	MANAGEMENT INFORMATION SYSTEMS
DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21D38301a	VOICE AND DATA NETWORKS

DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21D38301b	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21D57204b	IoT AND ITS APPLICATIONS
POWER ELECTRONICS	21D54301a	CONTROL AND INTEGRATION OF RENEWABLE ENERGY SOURCES
POWER ELECTRONICS	21D54301b	ENERGY STORAGE TECHNOLOGIES
POWER ELECTRONICS	21D54301c	HYBRID ELECTRIC VEHICLE ENGINEERING
POWER ELECTRONICS AND ELECTRICAL DRIVES	21D54301a	CONTROL AND INTEGRATION OF RENEWABLE ENERGY SOURCES
POWER ELECTRONICS AND ELECTRICAL DRIVES	21D54301b	ENERGY STORAGE TECHNOLOGIES
POWER ELECTRONICS AND ELECTRICAL DRIVES	21D54301c	HYBRID ELECTRIC VEHICLE ENGINEERING
EMBEDDED SYSTEMS	21D06301a	EMBEDDED SYSTEMS PROTOCOLS
EMBEDDED SYSTEMS	21D06301c	COMMUNICATION BUSES AND INTERFACES
EMBEDDED SYSTEMS	21D55301a	ROBOTICS
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21D06203a	SoC ARCHITECTURE
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21D57301a	BI-CMOS TECHNOLOGY AND APPLICATIONS
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21D57301b	OPTIMIZATION TECHNIQUES AND APPLICATIONS IN VLSI DESIGN
COMPUTER SCIENCE AND ENGINEERING	21D58301a	SOFTWARE DEFINED NETWORKS
COMPUTER SCIENCE AND ENGINEERING	21D58301b	REINFORCEMENT LEARNING
COMPUTER SCIENCE AND ENGINEERING	21D58301c	DATA ANALYTICS
VLSI AND EMBEDDED SYSTEMS	21D06204b	ADHOC AND WIRELESS SENSOR NETWORKS
VLSI AND EMBEDDED SYSTEMS	21D57204b	IoT AND ITS APPLICATIONS
VLSI AND EMBEDDED SYSTEMS	21D57204c	VLSI SIGNAL PROCESSING
ELECTRONICS AND COMMUNICATION ENGINEERING	21D38301a	VOICE AND DATA NETWORKS
ELECTRONICS AND COMMUNICATION ENGINEERING	21D38301b	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
ELECTRONICS AND COMMUNICATION ENGINEERING	21D57204b	IoT AND ITS APPLICATIONS
POWER SYSTEMS	21D07301a	RESTRUCTURED POWER SYSTEMS
POWER SYSTEMS	21D07301b	RELIABILITY ENGINEERING AND APPLICATIONS TO POWER SYSTEMS
POWER SYSTEMS	21D07301c	POWER SYSTEM AUTOMATION
EMBEDDED SYSTEM AND VLSI	21D06204b	ADHOC AND WIRELESS SENSOR NETWORKS
EMBEDDED SYSTEM AND VLSI	21D57204b	IoT AND ITS APPLICATIONS
EMBEDDED SYSTEM AND VLSI	21D57204c	VLSI SIGNAL PROCESSING
VLSI AND EMBEDDED SYSTEM DESIGN	21D06204b	ADHOC AND WIRELESS SENSOR NETWORKS
VLSI AND EMBEDDED SYSTEM DESIGN	21D57204b	IoT AND ITS APPLICATIONS
VLSI AND EMBEDDED SYSTEM DESIGN	21D57204c	VLSI SIGNAL PROCESSING
ADVANCED MANUFACTURING SYSTEMS	21D87301a	TOTAL QUALITY MANAGEMENT
ADVANCED MANUFACTURING SYSTEMS	21D87301b	THEORY OF ELASTICITY AND PLASTICITY
ADVANCED MANUFACTURING SYSTEMS	21D87301c	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS
THERMAL ENGINEERING	21D88301a	OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS
THERMAL ENGINEERING	21D88301b	JET PROPULSION AND ROCKETRY
THERMAL ENGINEERING	21D88301c	AIRCRAFT AND SPACE PROPULSION
PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21D90301a	DESIGN AND MANUFACTURING OF MEMS AND MICRO SYSTEMS
PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21D90301b	QUALITY ENGINEERING

PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21D90301c	PRODUCT DATA MANAGEMENT
STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21D91301a	MAINTENANCE AND REHABILITAITON OF STRUCTURES
STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21D91301b	CONSTRUCTION PLANNING, SCHEDULING AND CONTROL
STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21D91301c	CONSTRUCTION METHODS AND EQUIPMENT
HIGHWAY ENGINEERING	21D93301a	ENVIRONMENTAL IMPACT ASSESSMENT FOR TRANSPORTATION PROJECTS
HIGHWAY ENGINEERING	21D93301b	TRANSPORTATON SYSTEM MANAGEMENT
HIGHWAY ENGINEERING	21D93301c	INTELLIGENT TRANSPORTATION SYSTEMS
PRODUCTION ENGINEERING	21D04103a	ADVANCES IN MANUFACTURING TECHNOLOGY
PRODUCTION ENGINEERING	21D90101	RAPID PROTOTYPING
PRODUCTION ENGINEERING	21D94301	MACHINE TOOL DYNAMICS
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21D97301a	REINFORCEMENT LEARNING
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21D97301b	GAME THEORY
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21D97301c	APPLIED ARTIFICIAL INTELLIGENCE

Annexure - II
M.Tech III Semester (R21)

Open Elective		
Branch/Specialization	**Course Code**	**Course Name**
CAD/CAM	21DOE301c	BUSINESS ANALYTICS
CAD/CAM	21DOE301g	INTERNET OF THINGS
CAD/CAM	21DOE301h	MECHATRONICS
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21DOE301b	INDUSTRIAL SAFETY
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21DOE301c	BUSINESS ANALYTICS
DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	21DOE301e	WASTE TO ENERGY
ELECTRICAL POWER SYSTEMS	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
ELECTRICAL POWER SYSTEMS	21DOE301e	WASTE TO ENERGY
ELECTRICAL POWER SYSTEMS	21DOE301i	INTERNET OF THINGS AND ITS APPLICATIONS
COMPUTER NETWORKS	21DOE301b	INDUSTRIAL SAFETY
COMPUTER NETWORKS	21DOE301c	BUSINESS ANALYTICS
COMPUTER NETWORKS	21DOE301f	OPTIMIZATION TECHNIQUES
THERMAL SCIENCES AND ENERGY SYSTEMS	21DOE301c	BUSINESS ANALYTICS
THERMAL SCIENCES AND ENERGY SYSTEMS	21DOE301g	INTERNET OF THINGS
THERMAL SCIENCES AND ENERGY SYSTEMS	21DOE301h	MECHATRONICS
GEOTECHNICAL ENGINEERING	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
GEOTECHNICAL ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
GEOTECHNICAL ENGINEERING	21DOE301c	BUSINESS ANALYTICS
MACHINE DESIGN	21DOE301c	BUSINESS ANALYTICS
MACHINE DESIGN	21DOE301g	INTERNET OF THINGS
MACHINE DESIGN	21DOE301h	MECHATRONICS
REFRIGERATION AND AIR-CONDITIONING	21DOE301c	BUSINESS ANALYTICS
REFRIGERATION AND AIR-CONDITIONING	21DOE301g	INTERNET OF THINGS
REFRIGERATION AND AIR-CONDITIONING	21DOE301h	MECHATRONICS
STRUCTURAL ENGINEERING	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
STRUCTURAL ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
STRUCTURAL ENGINEERING	21DOE301c	BUSINESS ANALYTICS
CONSTRUCTION PLANNING AND MANAGEMENT	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
CONSTRUCTION PLANNING AND MANAGEMENT	21DOE301b	INDUSTRIAL SAFETY
CONSTRUCTION PLANNING AND MANAGEMENT	21DOE301c	BUSINESS ANALYTICS
SOFTWARE ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
SOFTWARE ENGINEERING	21DOE301c	BUSINESS ANALYTICS
SOFTWARE ENGINEERING	21DOE301f	OPTIMIZATION TECHNIQUES
COMPUTER AIDED STRUCTURAL ENGINEERING	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
COMPUTER AIDED STRUCTURAL ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
COMPUTER AIDED STRUCTURAL ENGINEERING	21DOE301c	BUSINESS ANALYTICS
DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21DOE301b	INDUSTRIAL SAFETY

DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21DOE301c	BUSINESS ANALYTICS
DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	21DOE301e	WASTE TO ENERGY
POWER ELECTRONICS	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
POWER ELECTRONICS	21DOE301e	WASTE TO ENERGY
POWER ELECTRONICS	21DOE301i	INTERNET OF THINGS AND ITS APPLICATIONS
POWER ELECTRONICS AND ELECTRICAL DRIVES	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
POWER ELECTRONICS AND ELECTRICAL DRIVES	21DOE301e	WASTE TO ENERGY
POWER ELECTRONICS AND ELECTRICAL DRIVES	21DOE301i	INTERNET OF THINGS AND ITS APPLICATIONS
EMBEDDED SYSTEMS	21DOE301b	INDUSTRIAL SAFETY
EMBEDDED SYSTEMS	21DOE301c	BUSINESS ANALYTICS
EMBEDDED SYSTEMS	21DOE301e	WASTE TO ENERGY
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21DOE301b	INDUSTRIAL SAFETY
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21DOE301c	BUSINESS ANALYTICS
VLSI / VLSI DESIGN / VLSI SYSTEM DESIGN	21DOE301e	WASTE TO ENERGY
COMPUTER SCIENCE AND ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
COMPUTER SCIENCE AND ENGINEERING	21DOE301c	BUSINESS ANALYTICS
COMPUTER SCIENCE AND ENGINEERING	21DOE301f	OPTIMIZATION TECHNIQUES
VLSI AND EMBEDDED SYSTEMS	21DOE301b	INDUSTRIAL SAFETY
VLSI AND EMBEDDED SYSTEMS	21DOE301c	BUSINESS ANALYTICS
VLSI AND EMBEDDED SYSTEMS	21DOE301e	WASTE TO ENERGY
ELECTRONICS AND COMMUNICATION ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
ELECTRONICS AND COMMUNICATION ENGINEERING	21DOE301c	BUSINESS ANALYTICS
ELECTRONICS AND COMMUNICATION ENGINEERING	21DOE301e	WASTE TO ENERGY
POWER SYSTEMS	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
POWER SYSTEMS	21DOE301e	WASTE TO ENERGY
POWER SYSTEMS	21DOE301i	INTERNET OF THINGS AND ITS APPLICATIONS
EMBEDDED SYSTEM AND VLSI	21DOE301b	INDUSTRIAL SAFETY
EMBEDDED SYSTEM AND VLSI	21DOE301c	BUSINESS ANALYTICS
EMBEDDED SYSTEM AND VLSI	21DOE301e	WASTE TO ENERGY
VLSI AND EMBEDDED SYSTEM DESIGN	21DOE301b	INDUSTRIAL SAFETY
VLSI AND EMBEDDED SYSTEM DESIGN	21DOE301c	BUSINESS ANALYTICS
VLSI AND EMBEDDED SYSTEM DESIGN	21DOE301e	WASTE TO ENERGY
ADVANCED MANUFACTURING SYSTEMS	21DOE301c	BUSINESS ANALYTICS
ADVANCED MANUFACTURING SYSTEMS	21DOE301g	INTERNET OF THINGS
ADVANCED MANUFACTURING SYSTEMS	21DOE301h	MECHATRONICS
THERMAL ENGINEERING	21DOE301c	BUSINESS ANALYTICS
THERMAL ENGINEERING	21DOE301g	INTERNET OF THINGS
THERMAL ENGINEERING	21DOE301h	MECHATRONICS
PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21DOE301c	BUSINESS ANALYTICS
PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21DOE301g	INTERNET OF THINGS
PRODUCTION ENGINEERING AND ENGINEERING DESIGN	21DOE301h	MECHATRONICS
STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS

STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21DOE301b	INDUSTRIAL SAFETY
STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	21DOE301c	BUSINESS ANALYTICS
HIGHWAY ENGINEERING	21DOE301a	COST MANAGEMENT OF ENGINEERING PROJECTS
HIGHWAY ENGINEERING	21DOE301b	INDUSTRIAL SAFETY
HIGHWAY ENGINEERING	21DOE301d	OPERATIONS RESEARCH
PRODUCTION ENGINEERING	21DOE301c	BUSINESS ANALYTICS
PRODUCTION ENGINEERING	21DOE301g	INTERNET OF THINGS
PRODUCTION ENGINEERING	21DOE301h	MECHATRONICS
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21DOE301b	INDUSTRIAL SAFETY
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21DOE301c	BUSINESS ANALYTICS
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21DOE301f	OPTIMIZATION TECHNIQUES