



II B.TECH I SEMESTER (R16)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE AND DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>CIVIL ENGINEERING (01- CE)</b>	FLUID MECHANICS	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM. TO CE, CHEM,PE,PEC)	PROBABILITY & STATISTICS (COM TO CE, MET)	STRENGTH OF MATERIALS-I	SURVEYING	BUILDING MATERIALS AND CONSTRUCTION
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	ELECTRICAL CIRCUIT ANALYSIS-II	THERMAL AND HYDRO PRIME MOVERS	BASIC ELECTRONICS AND DEVICES	ELECTRICAL MACHINES-I	ELECTRO MAGNETIC FIELDS	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>MECHANICAL ENGINEERING (03 - ME)</b>	METALLURGY & MATERIALS SCIENCE (COM TO ME, AME)	THERMODYNAMIC (COM TO ME, AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	FLUID MECHANICS & HYDRAULIC MACHINES (COM TO ME,MIN)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	RANDOM VARIABLES AND STOCHASTIC PROCESS	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	STATISTICS WITH R PROGRAMMING (COM. TO CSE,IT)	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE AND ENGINEERING (COM TO CSE,IT)	DATA STRUCTURES THROUGH C++ (COM TO CSE,IT)	COMPUTER GRAPHICS	DIGITAL LOGIC DESIGN (COM TO CSE,IT)	PYTHON PROGRAMMING (COM TO CSE,IT)

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	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>CHEMICAL ENGINEERING (08 - CHEM)</b>	COMPLEX VARIABLES (COM TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM TO CE, CHEM,PE,PEC)	ORGANIC CHEMISTRY (COM TO CHEM,PCE)	PHYSICAL CHEMISTRY (COM TO CHEM, PCE)	CHEMICAL PROCESS CALCULATIONS (COM TO CHE,PE,PCE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	TRANSDUCER TECHNOLOGY	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	STATISTICS WITH R PROGRAMMING (COM. TO CSE,IT)	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE AND ENGINEERING (COM TO CSE,IT)	DATA STRUCTURES THROUGH C++ (COM TO CSE,IT)	SOFTWARE ENGINEERING (COM TO IT,ECC)	DIGITAL LOGIC DESIGN (COM TO CSE,IT)	PYTHON PROGRAMMING (COM TO CSE,IT)
<b>METALLURGICAL ENGINEERING (17-MET)</b>	METALLURGICAL THERMODYNAMICS-I	MECHANICS OF SOLID AND FLUIDS	PROBABILITY & STATISTICS (COM TO CE,MET)	POLYMERS	PRINCIPLES OF EXTRACTIVE METALLURGY	PHYSICAL METALLURGY
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	SOFTWARE ENGINEERING (COM TO IT,ECC)	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)
<b>AERONUTICAL ENGINEERING (21 - AE)</b>	ELEMENTS OF AEROSPACE ENGINEERING	THERMODYNAMIC (COM TO ME,AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	MECHANICS OF FLUIDS	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C,AE,BOT,AME,MIN)

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BIO-TECHNOLOGY (23-BIO)	MATHEMATICS-III	BIOCHEMISTRY	BIOCHEMICAL THERMODYNAMICS	MICRO BIOLOGY	CELL BIOLOGY	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
AUTO MOBILE ENGG. (AME-24)	METALLURGY & MATERIALS SCIENCE (COM.TO ME,AME)	THERMODYNAMIC (COM TO ME,AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	AUTOMOTIVE ENGINES	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
MINING ENGINEERING (26-MM)	MINING GEOLOGY-I	THERMAL ENGINEERING FOR MINING	----	DEVELOPMENT OF MINERAL DEPOSITS	FLUID MECHANICS & HYDRAULIC MACHINES (COM.TO CHEM,PCE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
PETROLEUM ENGINEERING (27-PE)	COMPLEX VARIABLES (COM.TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONIS ENGINEERING (COM,TO CE,CHEM,PE,PEC)	GENERAL GEOLOGY	SURVEYING AND OFFSHORE STRUCTURES	CHEMICAL PROCESS CALCULATIONS (COM.TO CHEM,PE,PCE)	MATERIAL SCIENCE & ENGINEERING (COM TO PE,PCE)
PETROCHEMICAL ENGINEERING (28-PCE)	COMPLEX VARIABLES (COM.TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM,TO CE,CHEM,PE,PEC)	ORGANIC CHEMISTRY (COM.TO CHEM,PCE)	PHYSICAL CHEMISTRY (COM..TO CHEM,PCE)	CHEMICAL PROCESS CALCULATIONS (COM.TO CHEM,PE,PCE)	MATERIAL SCIENCE & ENGINEERING (COM TO PE,PCE)
AGRICULTURAL ENGINEERING (35-AGE)	FLUID MECHANICS AND OPEN CHANEEL HYDRAULICS	RENEWABLE ENERGY SOURCES	GROUND WATER HYDROLOGY, WELL AND PUMPS	ELECTRICAL SYSTEMS	PROPERTIES AND STRENGTH OF MATERIALS	SURVEYING

**NOTE:**

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 06-11-2024

  
 Controller of Examinations (UG)



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<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML), AI,DS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST, IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS) CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT, CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS), OITCSBT,IOT,CS,IOT)



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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>



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<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML,CSD)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT, AIDS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)



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<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Computer Science and Business System) (48)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Formal Languages & Automata Theory <b>R2021481</b>	Computer Organization& Architecture <b>R2021482</b>
<b>CSE (Internet of Things) (49)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,A IDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>FOOD ENGINEERING (51)</b>	Probability and Statistics <b>R2021511</b>	Principles of Food Engineering -I <b>R2021512</b>	Mechanical Operations in Food Processing <b>R2021513</b>	Fluid Mechanics in Food Processing <b>R2021514</b>	Food Microbiology <b>R2021515</b>





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<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML, CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Mathematics – III <b>R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	Pharmacology <b>R2021551</b>	Material and Energy Balance Computations <b>R2021552</b>	Fluid Mechanics and Mechanical Unit Operations <b>R2021553</b>	Thermodynamics for pharmaceutical Engineers <b>R2021554</b>
<b>CYBER SECURITY (59)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,,IOT)
<b>INTERNET OF THINGS (60)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML, IOT, CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,C SBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT, CS,IOT)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIMLIOT,CS D)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML, CSD)





II B.TECH I SEMESTER (R20)

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## II B.TECH I SEMESTER (R20 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE				
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)
COMPUTER SCIENCE AND DESIGN (62)	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AI,DS,CSE(AIDS),CSE(CS),OT CSBT,CSBS,IOT,AIDS,CS,AIML,IOT, CSD)	Computer Graphics <b>R2021621</b>	Multimedia and Application Development <b>R2021622</b>	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML,CSD)

NOTE:

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- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 06-11-2024

Controller of Examinations (UG)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R16)

## III B.TECH I SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

BRANCH	DATE AND DAY				
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)
<b>CIVIL ENGINEERING (01- CE)</b>	Transportation Engineering-II (R1631015)	Structural Analysis – II (R1631013)	Design and Drawing of Reinforced Concrete Structures (R1631014)	Engineering Geology (R1631012)	Management Science (Com. to CE,PE) (R1631011)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	Pulse & Digital Circuits (R1631024)	Renewable Energy Sources (R1631022)	Power Systems-II (R1631021)	Signals and Systems (R1631023)	Power Electronics (R1631025)
<b>MECHANICAL ENGINEERING (03 - ME)</b>	Dynamics of Machinery (R1631031)	Metal Cutting & Machine Tools (R1631032)	Design of Machine Members-II (R1631033)	Operations Research (R1631034)	Thermal Engineering – II (R1631035)
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	Computer Architecture and Organization (Com. to ECE,EIE) (R1631041)	Linear IC Applications (Com. to ECE,EIE) (R1631042)	Digital Communications (R1631044)	Digital IC Applications (Com. to ECE,EIE) (R1631043)	Antennas and Wave Propagation (R1631045)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	Compiler Design (R1631051)	Unix Programming (Com. to CSE,IT) (R1631052)	Object Oriented Analysis and Design using UML (R1631053)	Database Management Systems (Com. to CSE,IT) (R1631054)	Operating Systems (Com. to CSE,IT) (R1631055)

CONTINUED ON PAGE – 2


<b>BRANCH</b>	<b>DATE AND DAY</b>				
	<b>19-11-2024 (Tuesday)</b>	<b>21-11-2024 (Thursday)</b>	<b>23-11-2024 (Saturday)</b>	<b>26-11-2024 (Tuesday)</b>	<b>28-11-2024 (Thursday)</b>
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	Computer Architecture and Organization (Com. to ECE,EIE) <b>(R1631041)</b>	Linear IC Applications (Com. to ECE,EIE) <b>(R1631042)</b>	Digital Signal Processing <b>(R1631102)</b>	Digital IC Applications (Com. to ECE,EIE) <b>(R1631043)</b>	Process Instrumentation <b>(R1631101)</b>
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	Human Computer Interaction <b>(R1631121)</b>	Unix and Shell Programming (Com. to CSE,IT) <b>(R1631052)</b>	Advanced JAVA Programming <b>(R1631122)</b>	Database Management Systems (Com. to CSE,IT) <b>(R1631054)</b>	Operating Systems (Com. to CSE,IT) <b>(R1631055)</b>
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	Computer Graphics <b>(R1631191)</b>	Linear IC Applications (Com. To ECE,EIE,ECom E) <b>(R1631042)</b>	Design and Analysis of Algorithms <b>(R1631193)</b>	Digital IC Applications (Com. to ECE,EIE,ECom E) <b>(R1631043)</b>	Computer Networks <b>(R1631192)</b>
<b>AERONAUTICAL ENGINEERING (21 - AE)</b>	Aircraft Performance <b>(R1631211)</b>	Aerodynamics – II <b>(R1631212)</b>	Aircraft Structures- I <b>(R1631213)</b>	Propulsion – I <b>(R1631214)</b>	Theory of Machines <b>(R1631215)</b>

<b>BRANCH</b>	<b>DATE AND DAY</b>				
	<b>19-11-2024 (Tuesday)</b>	<b>21-11-2024 (Thursday)</b>	<b>23-11-2024 (Saturday)</b>	<b>26-11-2024 (Tuesday)</b>	<b>28-11-2024 (Thursday)</b>
<b>AUTOMOBILE ENGINEERING (AME-24)</b>	Dynamics of Machinery <b>(R1631241)</b>	Heat Transfer <b>(R1631245)</b>	Design of Machine Elements <b>(R1631243)</b>	Vehicle Transport Management <b>(R1631244)</b>	Fuels and Combustion <b>(R1631242)</b>
<b>MINING ENGINEERING (26-MM)</b>	Under Ground Coal Mining Technology <b>(R1631261)</b>	Mining Machinery & Mechanization-I <b>(R1631265)</b>	Mine Environment Engineering – I <b>(R1631262)</b>	Electrical Equipment in Mines <b>(R1631263)</b>	Mine Surveying-II <b>(R1631264)</b>
<b>PETROLEUM ENGINEERING/PET ROLEUM TECHNOLOGY (27-PE)</b>	Process Instrumentation <b>(R1631272)</b>	Well Logging & Formation Evaluation <b>(R1631273)</b>	Drilling Technology <b>(R1631274)</b>	Process Dynamics & Control <b>(R1631271)</b>	Management Science (Com. to CE,PE) <b>(R1631011)</b>
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Thermodynamics and Refrigeration Systems <b>(R1631351)</b>	Managerial Economics and Financial Analysis <b>(R1631355)</b>	Soil and Water Conservation Engineering <b>(R1631352)</b>	Agricultural Process Engineering <b>(R1631353)</b>	Engineering Properties of Biological Materials and Food Quality <b>(R1631354)</b>

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**DATE: 06-11-2024**

  
**Controller of Examinations (UG)**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### T I M E T A B L E

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R1931011)	Concrete Technology (R1931012)	Water Resources Engineering - I (R1931013)	Environmental Engineering - II (R1931014)	<b>Program Elective – I :-</b>	<b><u>Open Elective – I (Choose any</u></b>
					i) Repair & Rehabilitation of Buildings (R193101A)	i) Disaster Management (R193101F)
					ii) Environmental Impact Assessment (R193101B)	ii) Environmental Pollution & Control (R193101G)
					iii) Reinforced Soil Structures (R193101C)	iii) Elements of Civil Engineering (R193101H)
					iv) Traffic Engineering (R193101D)	iv) Green Technology (R193101I)
					v) Construction Technology & Management (R193101E)	v) Smart Cities (R193101J)
						vi) Project Management (R193101K)
						vii) Traffic Safety (R193101L)
						viii) Geo-Spatial Technologies (R193101M)
						ix) Wastewater Treatment (R193101N)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Linear IC Applications (R1931023)	Power Electronics (R1931022)	Power Systems-II (R1931021)	Digital Signal Processing (R1931024)	Microprocessors and Microcontrollers (R1931025)	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	Dynamics of Machinery (R1931031)	Design of Machine Members-II (R1931032)	Mechanical Measurements & Metrology (R1931033)	Managerial Economics and Financial Accountancy (R1931034)	IC Engines & Gas turbines (R1931035)	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### T I M E T A B L E

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Linear Integrated Circuits and Applications (R1931041)	Microprocessor and Microcontrollers (R1931042)	Digital Communications (R1931043)	Electronic Measurements & Instrumentation (R1931044)	.....	<b>Professional Elective (PE 1) :-</b>
						i) Information Theory & Coding (R193104A)
						ii) Digital System Design Using HDL (R193104B)
						iii) Datastructures and Algorithms (R193104C)
						iv) Soft Computing Techniques and Python Programming (R193104D)
						v) Simulation & Mathematical Modeling (R193104E)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Data Warehousing and Data Mining (R1931051)	Computer Networks (R1931052)	Compiler Design (R1931053)	Artificial Intelligence (R1931054)	.....	<b>Professional Elective- I:-</b>
						i) Computer Graphics (R193105A)
						ii) Principles of Programming Languages (R193105B)
						iii) Advanced Data Structures (R193105C)
						iv) Software Testing Methodologies (R193105D)
						v) Advanced Computer Architecture (R193105E)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Advanced Data Structures (R1931121)	Computer Networks (R1931122)	Compiler Design (R1931123)	Artificial Intelligence (R1931054)	Design and Analysis of Algorithms (R1931124)	<b>Professional Elective -I:-</b>
						i) Software Testing Methodologies (R193105D)
						ii) NoSQL Databases (R193112A)
						iii) Scripting Languages (R193112B)
						iv) Computer Graphics (R193105A)
						v) R-Programming (R193112C)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024****T I M E T A B L E****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Dynamics of Machinery (R1931031)	Fuels and Combustion (R1931241)	Automotive Components Design (R1931242)	Micro Processors and Micro Controllers (R1931243)	Machine Tools & Metrology (R1931244)	.....
<b>MINING ENGINEERING (26 MM)</b>	Underground Coal Mining Technology (R1931261)	Mine Environment Engineering – II (R1931262)	Rock Mechanics (R1931263)	Mining Machinery & Mechanization-I (R1931264)	Corporate Social Responsibility in Mining (R1931265)	<b>Open Elective :-</b>
						i) Waste Water Management (R193126A)
						ii) Environmental impact analysis (R193126B)
						iii) Disaster Management and Mitigations (R193126C)
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	Process Dynamics & Control (R1931271)	Well Logging & Formation Evaluation (R1931272)	Drilling & Well Completions (R1931273)	Managerial Economics & Financial Analysis (R1931279)	<b>Professional Elective -I :-</b>	<b>Open Elective - I :-</b>
					i) Fundamentals of Liquefied Natural Gas. (R193127A)	i) Disaster Management (R193101F)
					ii) CBM Reservoir Engineering (R193127B)	ii) Renewable Energy Sources (R193127C)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Thermodynamics and Refrigeration systems (R1931351)	Soil and Water Conservation Engineering (R1931352)	Agricultural Process Engineering (R1931353)	Managerial Economics & Financial Analysis (R1931279)	Farm Machinery and Equipment - I <b>R1931354</b>	.....

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**Controller of Examinations (UG)****DATE: 06-11-2024**





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
CIVIL ENGINEERING (01 CE)	Structural Analysis (R2031011)	Design And Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Data Base Management Systems (R203105M)	Repair & Retro-Filling of Buildings (R203101P)
				Construction Technology & Management R203101A / Remote Sensing and GIS R203101B / Environmental Impact Assessment R203101C / Low-Cost Housing R203101D	Strength of Materials R203101E / Fluid Mechanics R203101F / Surveying and Geomatics R203101G / Highway Engineering R203101H / Safety Engineering R203101I / Environmental Management R203101J / Urban Planning R203101K		
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Data Base Management Systems (R203105M)  Special Electrical Machines (R203102M)	Operating Systems (R203105N) Electrical Distribution Systems (203102N) Power Quality (R203102L)
				Linear Ic Applications R203102A / Utilization Of Electrical Energy R203102B / Computer Architecture And Organization R203102C / Optimization Techniques R203102D / Object Oriented Programming Through Java R203102E / Optimization Techniques R203102D / Object Oriented Programming Through Java R203102E	Renewable Energy Sources R203102F / Concepts Of Optimization Techniques R203102G / Concepts of Control Systems R203102H		
MECHANICAL ENGINEERING (03 ME)	Thermal Engineering- II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Data Base Management Systems (R203105M)  Advanced Mechanics of Fluids (R203103K) / Tribology (R203103Y)	Operating Systems (R203105N)/ Experimental Methods in Fluid Mechanics (R203103X)
				Finite Element Methods R203103A / Industrial Robotics R203103B / Advanced Materials R203103C / Renewable Energy Sources R203103D / Mechanics of Composites R203103E / MOOCs (NPTEL/Swayam) R203103F	Sustainable Energy Technologies R203103G / Operations Research R203103H / Nano Technology R203103I / Thermal Management of Electronic systems R203103J		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE

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BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
ELECTRONICS & COMMUNICATION ENGINEERING (04 ECE)	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	Professional Elective (PE) :-	Open Elective (OE I) :-	Data Base Management Systems (R203105M) / CMOS Analog IC Design (R203104V) / Data Warehousing and Data Mining (R203145A)	Operating Systems (R203105N) / Programmable Logic Devices and ASIC (R203104W)
				Antenna And Wave Propagation R203104A / Electronic Measurements & Instrumentation R203104B / Computer Architecture & Organization R203104C	Basics of Signals and Systems R203104D / Electronic Measurements and Instrumentation R203104E / Principles of Signal Processing R203104F / Industrial Electronics R203104G / Consumer Electronics R203104H / Fundamentals of Microprocessors and Microcontrollers R203104I / Transducers and Sensors R203104J / IOT and Applications R203104K / Soft Computing Techniques R203104L / IC Applications R203104M / Principles of Communications R203104N / Basic Electronics R203104O / Data Communications R203104P / Digital Logic Design R203104Q / Remote Sensing and GIS R203104R / Bio Medical Instrumentation R203104S / Introduction to Microprocessor and Microcontrollers R203114G		
COMPUTER SCIENCE & ENGINEERING (05 CSE)	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Warehousing and Data Mining (R2031053)	Professional Elective (PE II) :-	Open Elective (OE II) :-	Electronics Devices And Basic Circuits (R203104T) / Statistical Foundation For Data Science (R203105P) / Text Mining And Time Series Analysis (R203105O) / Design of Secure Protocols (R203105T)	Digital Electronics (R203104U) / Data Visualization (R203105Q) / Mathematics For Machine Learning (R203105R) / Public Key Infrastructure and Trust Management (R203105S)
				Artificial Intelligence R203105A / Software Project Management R203105B / Distributed Systems R203105C / Advanced Unix Programming R193205D	Optimization in Operations Research R203105E / Data Structures R203105F / Object Oriented Progra. through JAVA R203105G / Data Base Management Systems R203105H / Computer Graphics R203105I / Advanced UNIX Programming R203105J / Computer Organization and Arch. R203105K / Operating Systems R203105L		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE

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BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
INFORMATION TECHNOLOGY (12 IT)	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Mining Techniques (R2031121)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Artificial Intelligence R203105A / Distributed Systems R203105C / Advanced Unix Programming R203105D / Agile Software Process R203112A	DevOps R203112B / Data Structures R203105F / Object Oriented Progra. through JAVA R203105G / Data Base Management Systems R203105H / Computer Graphics R203105I / Advanced UNIX Programming R203105J / Computer Organization and Arch. R203105K / Operating Systems R203105L		
AUTO MOBILE ENGINEERING (24 AME)	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Alternative Fuels for Engines R203124A / Two and Three Wheelers R203124B / Microprocessor and Micro Controllers R203124C / Heat Transfer R203124D / Industrial Hydraulics and Pneumatics R203124E / MOOC's/NPTEL R203124F	Basic Automobile Engineering R203124G / Automobile Maintenance and Safety R203124H / Automobile Emissions and Effects R203124I		
MINING ENGINEERING (26 MM)	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Remote Sensing and GIS R203101B / Resource Evaluation and Geo-Statistics - R203126A / Mine Planning and Design R203126B / Mine Safety & Ergonomics R203126C	Introduction to Underground Mining R203126D / Introduction to Surface Mining R203126E / Tunneling and Underground Space Design R203126F / Engineering Survey R203126G		
AGRICULTURAL ENGINEERING (35 AGE)	Farm Machinery and Equipment - I (R2031351)	Surface Water Hydrology (R2031352)	Post Harvest Engineering of Cereals, Pulses and Oilseeds (R2031353)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>	.....	.....
				Seed Processing and Storage Engineering R203135A / Greenhouse Technology R203135B / Tractor Design and Testing R203135C	Principles of Soil Science and Agronomy R203135D / Farm Power and Tractor Systems R203135E / Soil and Water Conservation Engineering R203135F / Ground Water Hydrology, Wells and Pumps R203135G / Surface Water Hydrology R203135H / Post Harvest Engineering of Cereals Pulses and Oilseeds R203135I / Agricultural Process Engineering R203135J		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE

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BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
CSE (Artificial Intelligence and Machine Learning) (42)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	Machine Learning (R203142F)	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D / MOOC's-NPTEL R203142E	Optimization in Operations Research R203105E		
CSE (Artificial Intelligence) (43)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D	Optimization in Operations Research R203105E		
CSE (Data Science) (44)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / DevOps R203142D / Object Oriented Analysis and Design R203144A / Internet of Things R203144B	Optimization in Operations Research R203105E		
CSE (Artificial Intelligence and Data Science) (45)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	Data Warehousing and Data Mining (R203145A)	Introduction to Artificial Intelligence and Data Science (R203145B)
				Software Engineering R203142A / Object Oriented Analysis and Design R203144A / Internet of Things R203144B / DevOps R203142D	Optimization in Operations Research R203105E		
CSE (Cyber Security) (46)	Computer Networks (R2031461) (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)	Software Engineering (R2031462) (Common to CSE(CS),CS)	Design and Analysis of Algorithms (R2031463) (Common to CSE(CS),IOTCSOIBCT,CSE(IOT),CS)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Computer Graphics R203146A / Artificial Intelligence R203146B / Compiler Design R203146C / Advanced Data Structures R203146D / Principles of Programming Languages R203146E	Web Technologies R203146F / Data Structures R203146G / Computer Networks R203146H / Data Base Management Systems R203146I / Problem Solving using Python R203146J		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	<b>Computer Networks (R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,C SBS)	<b>IoT Architecture and its Protocols (R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	<b>Design and Analysis of Algorithms (R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	<b>IoT Architecture and its Protocols (R203149H)</b>	.....
				Data Warehousing & Data Mining <b>R203147A</b> / Compiler Design <b>R203146C</b> / Software Engineering <b>R203142A</b> / Micro Processors & Micro Controllers <b>R203147B</b> / Computer Graphics <b>R203146A</b>	Web Technologies <b>R203147C</b> / Data Structures <b>R203147D</b> / Computer Networks <b>R203147E</b> / Data Base Management Systems <b>R203147F</b> / Problem Solving using Python <b>R203147G</b> / Open Electives offered by other Departments <b>R203148D</b>		
<b>CSE (Internet of Things) (49)</b>	<b>Computer Networks (R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSB S)	<b>IoT Architecture and its Protocols (R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	<b>Design and Analysis of Algorithms (R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	<b>Sensors and Actuator Devices for IoT (R203149G)</b>
				Compiler Design <b>R203146C</b> / Software Engineering <b>R203142A</b> / Computer Graphics <b>R203146A</b> / Principles of Programming Languages <b>R203146E</b> / Advanced Computer Architecture <b>R203149A</b>	Natural Language Processing <b>R203149B</b> / Data Structures <b>R203149C</b> / Computer Networks <b>R203149D</b> / Data Base Management System <b>R203149E</b> / Problem Solving using Python <b>R203149F</b>		
<b>FOOD ENGINEERING (51)</b>	<b>Heat Transfer in Food Processing (R2031511)</b>	<b>Processing of Fruits Vegetables Spices and Plantation Crops (R2031512)</b>	<b>Food Plant Design and Process Economics (R2031513)</b>	<b>Transport Phenomena in Food Engineering R203151A</b> / Statistical Methods in Food Engineering <b>R203151B</b> / Process Modeling and Simulation <b>R203151C</b>	<b>Food Material Science and Engineering R203151D</b> / Biochemical Engineering <b>R203151E</b> / Food Thermodynamics <b>R203151F</b>	.....	.....
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML, CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Software Engineering <b>R203142A</b> / DevOps <b>R203142D</b> / Object Oriented Analysis and Design <b>R203144A</b> / Internet of Things <b>R203144B</b>	Optimization in Operations Research <b>R203105E</b>		
<b>PHARMACEUTICAL ENGINEERING (55)</b>	<b>Managerial Economics and Financial Accountancy (R2031551)</b>	<b>Pharmaceutical Engineering-I (R2031552)</b>	<b>Biopharmaceutics and Pharmacokinetics (R2031553)</b>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	<b>Biostatistics R2031554</b>	.....
				Quality Control and Assurance <b>R203155A</b> / Food Processing Technology <b>R203155B</b> / Pharmaceutical Biotechnology <b>R203155C</b>	Non-Conventional Energy Sources <b>R203155D</b> / Introduction to Data Structures <b>R203155E</b> / Design and Analysis of Experiments <b>R203155F</b>		





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2024

### TIME TABLE


TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)	30-11-2024 (Saturday)	02-12-2024 (Monday)
<b>CYBER SECURITY (59)</b>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIB CT,CSE(IOT),CS,C SBS)	Software Engineering <b>(R2031462)</b> (Common to CSE(CS),CS)	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOB CT,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Computer Graphics <b>R203146A</b> / Artificial Intelligence <b>R203146B</b> / Compiler Design <b>R203146C</b> / Advanced Data Structures <b>R203146D</b> / Principles of Programming Languages <b>R203146E</b>	Web Technologies <b>R203146F</b> / Data Structures <b>R203146G</b> / Computer Networks <b>R203146H</b> / Data Base Management Systems <b>R203146I</b> / Problem Solving using Python <b>R203146J</b>		
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML, CSD)	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AI DS),AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Software Engineering <b>R203142A</b> / Computer Vision <b>R203142B</b> / Data Visualization <b>R203142C</b> / DevOps <b>R203142D</b> / MOOC's/NPTEL <b>R203142E</b>	Optimization in Operations Research <b>R203105E</b>		
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML, CSD)	Human Computer Interaction <b>(R2031621)</b>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Software Engineering <b>R203142A</b> / Object Oriented Analysis and Design <b>R203144A</b> / Internet of Things <b>R203144B</b> / DevOps <b>R203142D</b>	Optimization in Operations Research <b>R203105E</b>		

#### NOTE:

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- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 06-11-2024

  
Controller of Examinations (UG)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DAY AND DATE				
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)
<b>CIVIL ENGINEERING (01-CE)</b>	Design and Drawing of Steel Structures (R1632011)	Geotechnical Engineering – I (R1632012)	Environmental Engineering – I (R1632013)	Water Resources Engineering–I (R1632014)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Data Base Management Systems
					Alternative Energy Sources for Automobiles
					Waste water Management
					Fundamentals of Liquefied Natural Gas
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Power Electronic Controllers & Drives (R1632021)	Power System Analysis (R1632022)	Micro Processors and Micro controllers (R1632023)	Data Structures (R1632024)	Green Fuel Technologies
					<b>OPEN ELECTIVE:-</b>
					Unix and Shell Programming
					OOPS Through JAVA
					VLSI Design
					Robotics
<b>MECHANICAL ENGINEERING (03-ME)</b>	Metrology (R1632031)	Instrumentation & Control Systems (R1632032)	Refrigeration & Air-conditioning (R1632033)	Heat Transfer - (R1632034)	Neural Networks & Fuzzy Logic
					Energy Audit and Conservation&Management
					<b>OPEN ELECTIVE:-</b>
					Entrepreneurship
					Data Base Management System
					Waste Water Management
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Micro Wave Engineering (R1632042)	VLSI Design (R1632043) (Common to EEE- elective, ECE, EIE, E.COM.E)	Digital Signal Processing (R1632044)	Computer Graphics
					Industrial Robotics
					Green Engineering Systems
					<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Micro Wave Engineering (R1632042)	VLSI Design (R1632043) (Common to EEE- elective, ECE, EIE, E.COM.E)	Digital Signal Processing (R1632044)	Industrial Robotics
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R16)

## III B TECH II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DAY AND DATE				
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>	Computer Networks (Common to CSE, IT) (R1632051)	Data Warehousing and Mining (Common to CSE,IT ) (R1632052)	Design and Analysis of Algorithms (R1632053)	Software Testing Methodologies (Common to CSE. IT) (R1632054)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Internet of Things
					Cyber Security
					Digital Signal Processing
					Embedded Systems
					Robotics
<b>ELECTRONICS AND INSTRUMENTATIO N ENGINEERING (10-EIE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (R1632054)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Social Networks and Semantic Web
					Digital Signal Processing
					Embedded Systems
					Robotics
					Operations Research



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R16)

## III B TECH II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DAY AND DATE				
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Operating System (R1632192)	VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043)	Data Base Management Systems (R1632191)	<b>OPEN ELECTIVE:-</b>
					Data Mining
					Industrial Robotics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>AERONUTICAL ENGINEERING (21-AE)</b>	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	<b>OPEN ELECTIVE:-</b>
					Data Base Management System
					Waste Water Management
					Entrepreneurship
					Satellite Technology
					Industrial Aerodynamics
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Data Base Management Systems
					Computer Graphics
					Green Engineering Systems
					Offroad Vechiles
<b>MINING ENGINEERING (26-MM)</b>	Mine Systems Engineering (R1632261)	Mineral Engineering and Fuel Technology (R1632262)	Mine Environmental Engineering (R1632263)	Mining Machinery & Mechanization – II (R1632264)	<b>OPEN ELECTIVE:-</b>
					Industrial Robotics
					Entrepreneurship
					Quality and Reliability Engineering
					Waste Water Management
					Rock Excavation Engineering
					Mine Safety Engineering



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DAY AND DATE				
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)
<b>PETROLEUM ENGINEERING/PET ROLEUM TECHNOLOGY (27-PE)</b>	Well Completions, Testing & Servicing - (R1632271)	Petroleum Production Engineering (R1632272)	Petroleum Reservoir Engineering-I (R1632273)	Petroleum Refinery & Petrochemical Engineering (R1632274)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Big Data Analytics
					Alternative Energy Sources for Automobiles
					Waste Water Management
					Fundamentals of Liquefied Natural Gas
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Irrigation and Drainage Engineering (R1632351)	Farm Machinery and Equipment – I (R1632352)	Design of Soil, Water Conservation and Farm Structures (R1632353)	Dairy and Food Engineering (R1632354)	Computational Fluid Dynamics
					<b>OPEN ELECTIVE:-</b>
					Operations Research
					Digital Control systems
					Robotics & Automation
					Industrial Pollution Control Engineering
					Finite Element Method
					Water Resources System Planning and Management

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DATE: 06-11-2024

Controller of Examinations (UG)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
CIVIL ENGINEERING (01 CE)	Design & Drawing of Reinforced Concrete Structures (R1932011)	Water Resources Engineering – II (R1932012)	Geotechnical Engineering - I (R1932013)	Managerial Economics & Financial Analysis (R1932014)	Program Elective – II :-	Open Elective – II (Choose any One
					i) Pre-stressed Concrete (R193201A)	i) Disaster Management (R193201F)
					ii) Watershed Management (R193201B)	ii) Environmental Pollution & Control (R193201G)
					iii) Advanced Foundation Engineering (R193201C)	iii) Elements of Civil Engineering (R193201H)
					iv) Urban Transportation Planning (R193201D)	iv) Green Technology (R193201I)
					v) Architecture Town Planning (R193201E)	v) Smart Cities (R193201J)
						vi) Project Management (R193201K)
						vii) Traffic Safety (R193201L)
						viii) Geo-Spatial Technologies (R193201M)
						ix) Wastewater Treatment (R193201N)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Electric Drives (R1932021)	Power System Analysis (R1932022)	Data Structures (R1932023)	Digital Control Systems (R1932024)	Elective – I :-	Open Elective – I
					i) Digital IC Applications (R193202A)	i) Renewable Energy Sources (R193202G) (Except EEE)
					ii) Communication Systems (R193202B)	ii) Essentials of Analog and Digital Electronics (R193202H) (Except EEE)
					iii) Computer Networks (R193202C)	iii) Electrical Estimation and Costing (R193202I) (Except EEE)
					iv) Internet of Things Applications To Electrical Engineering (R193202D)	iv) Power Electronics Devices & Circuits (R193202J) (Except EEE)
					v) VLSI Design (R193202E)	v) Fundamentals of Electrical Machines (R193202K) (Except EEE)
					vi) Cloud Computing (R193202F)	

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024****T I M E T A B L E****TIME: 02.00 PM TO 05.00 PM**

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>MECHANICAL ENGINEERING (03 ME)</b>	Operations Research (R1932031)	Heat Transfer (R1932032) (Common to ME,AME)	CAD/CAM (R1932033)	.....	<b>Elective – I :-</b>	<b>Elective – II</b>
					i) Composite Materials (R193203A)	i) Material Characterization (R193203F)
					ii) Refrigeration & Air Conditioning (R193203B)	ii) Tribology (R193203G)
					iii) Unconventional Machining Processes (R193203C)	iii) Automobile Engineering (R193203H)
					iv) Advanced Mechanics of Solids (R193203D)	iv) Mechatronics (R193203I)
					v) MOOCS(NPTEL/Swayam) (R193203E)	v) MOOCS(NPTEL/Swayam) (R193203J)
<b>ELECTRONICS &amp; COMMUNICATI ON ENGINEERING (04 ECE)</b>	Wired and Wireless Transmission Devices (R1932041)	VLSI Design (R1932042)	Digital Signal Processing (R1932043)	Internet of Things (R1932044)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE1)</b>
					i) Cellular & Mobile Communication (R193204A)	i) Data Mining (R193204F)
					ii) Digital IC Design (R193204B)	ii) Power Electronics (R193204G)
					iii) Business Intelligence & Analytics (R193204C)	iii) MEMS and its Applications (R193204H)
					iv) Pattern Recognition(R193204D)	iv) Artificial Neural Networks(R193204I)
					v) Robotics and Automation (R193204E)	iv) Principles of Communication (R193204I) (Except ECE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Web Technologies (R1932051) (Common to CSE,IT)	Distributed Systems (R1932052)	Design and Analysis of Algorithms (R1932053)	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Mobile Application Development (R193205A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Information Retrieval System (R193205B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Social Networks Analysis (R193205C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM) (R193205D)	iv) C++ Programming (R193205H) (Except CSE and IT)
						v) Operating Systems (R193205I) (Except CSE and IT)
						vi) Internet of Things (R193205J) (Except CSE and IT)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### T I M E T A B L E

TIME: 02.00 PM TO 05.00 PM

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	<b>Web Technologies (R1932051)</b> (Common to CSE,IT)	<b>Data Warehousing and Data Mining (R1932121)</b>	.....	<b>Managerial Economics and Financial Accountancy (R1932054)</b> (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Web Security (R193212A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Software Project Management (R193212B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Natural Language Processing (R193212C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM)(R193212D)	iv) C++ Programming (R193212E) (Except CSE and IT)
						v) Operating Systems (R193212F) (Except CSE and IT)
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	<b>Electrical Vehicles &amp; Hybrid Technology (R1932241)</b>	<b>Heat Transfer (R1932032)</b> (Common to ME,AME)	<b>Automotive Chassis Design (R1932242)</b>	<b>Automotive Pollution and Control (R1932243)</b>	.....	<b>OPEN ELECTIVE(offered to other</b>
						i) Basic Automobile Engineering (R193224A)
						ii) Automotive Maintenance and Safety (R193224B)
						iii) Automotive Emissions and Effects (R193224C)
<b>MINING ENGINEERING (26 MM)</b>	<b>Mine Ground Control (R1932261)</b>	<b>Mineral processing (R1932262)</b>	<b>Under Ground Metal Mining Technology (R1932263)</b>	<b>Mining Machinery &amp; Mechanization-II (R1932264)</b>	.....	<b>Open Elective - II</b>
						i) Industrial Robotics (R193226A)
						ii) Artificial Intelligence (R193226B)
						iii) Introduction to Data Base Management System (R193226C)
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	<b>Petroleum Production Engineering (R1932271)</b>	<b>Petroleum Reservoir Engineering-II (R1932272)</b>	<b>Petroleum Refinery &amp; Petrochemical Engineering (R1932273)</b>	.....	<b>Professional Elective (PE II) :-</b>	<b>OPEN ELECTIVE – II</b>
					i) Offshore Engineering (R193227A)	i) Basic concepts in Petroleum Drilling and Completions (R193227D)
					ii) Advanced Well Completion Engineering (R193227B)	ii) Basic concepts in Petroleum Production Engineering (R193227E)
					iii) Applied Mathematics in Reservoir Engineering(R193227C)	iii) Basic concepts in Petroleum Reservoir Engineering (R193227F)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024****T I M E T A B L E****TIME: 02.00 PM TO 05.00 PM**

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Irrigation and Drainage Engineering (R1932351)	Engineering Properties of Biological Materials (R1932352)	Farm Machinery Equipment - II (R1932353)	Dairy and Food Engineering (R1932354)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>
					i) Seed Processing and Storage Engineering (R193235A)	i) Operations Research (R193235D)
					ii) Greenhouse Technology (R193235B)	ii) Robotics and Automation (R193235E)
					iii) Tractor Design and Testing (R193235C)	iii) Finite Element Method (R193235F)

**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) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 06-11-2024****Controller of Examinations (UG)**





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

TIME: 02.00 PM TO 05.00 PM

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	<b>Professional Elective (PE- II) :-</b> Advanced Structural Analysis <b>R203201A</b> Architecture and Town Planning <b>R203201B</b> Road Safety Engineering R203201C Traffic Engineering R203201D	<b>Open Elective (OE II) :-</b> Elements of Civil Engineering R203201E Environmental Engineering R203201F Disaster Management R203201G Water Resource Engineering R203201H Hydraulics and Hydraulic Machinery <b>R203201I</b> Green Technologies R203201J Remote Sensing and GIS R203201K (Common to CE,MM)	Earthquake Resistant Design <b>R203201L</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	<b>Professional Elective (PE) :-</b> Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	<b>Open Elective (OE II) :-</b> Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	HVDC Transmission <b>R203202I</b>
<b>MECHANICAL ENGINEERING (03 ME)</b>	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	<b>Professional Elective (PE) :-</b> Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids <b>R203203C</b> Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics <b>R203203E</b>	<b>Open Elective (OE II) :-</b> Industrial Robotics R203203G Essentials of Mechanical Engineering <b>R203203H</b> Advanced Materials R203203I Introduction to Automobile Engineering <b>R203203J</b>	Advanced Computational Fluid Dynamics <b>R203203K</b> Electric & Hybrid Vehicles <b>R203203L</b>



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Microprocessor and Microcontrollers (R2032041)	VLSI Design (R2032042)	Digital Signal Processing (R2032043)	<u><b>Professional Elective (PE) :-</b></u> Microwave Engineering R203204A Mobile & Cellular Communication R203204B Embedded Systems R203204C CMOS Analog IC Design R203204D	<u><b>Open Elective (OE II) :-</b></u> Basics of Signals and Systems R203204E Electronic Measurements and Instrumentation R203204F Principles of Signal Processing R203204G Industrial Electronics R203204H Consumer Electronics R203204I Fundamentals of Microprocessors and Microcontrollers R203204J Transducers and Sensors R203204K IOT and Applications R203204L Soft Computing Techniques R203204M IC Applications R203204N Principles of Communications R203204O Basic Electronics R203204P Data Communications R203204Q Digital Logic Design R203204R Remote Sensing and GIS R203204S Bio Medical Instrumentation R203204T	Principles of Communication R203204U, IOT Architecture and It's Protocols R203249C
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Machine Learning (R2032051) (Common to CSE,IT)	Compiler Design (R2032052)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	<u><b>Professional Elective (PE) :-</b></u> Mobile Computing R203205A (Common to CSE,IT) Big Data Analytics R203205B Object Oriented Analysis and Design R203205C Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<u><b>Open Elective (OE II) :-</b></u> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD) Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	Computational Thinking R203205N, Operating Systems R203205Q, Database Management Systems R203205R, , Mining Massive Data Sets R203205O, Natural Language Processing R203205P Objected Oriented Programming Through Java R203205V Data Structures and Algorithms R203205T Information Security Analysis and Audit R203205Y



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## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

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<b>INFORMATION TECHNOLOGY (12 IT)</b>	Machine Learning (R2032051) (Common to CSE,IT)	Big Data Analytics (R2032121) (Comm to IT,CSE(DS),CSE(AIDS),AIDS)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	<u><b>Professional Elective (PE II) :-</b></u> Mobile Computing R203205A (Common to CSE,IT) MEAN Stack Development R203212A Design Patterns R203212B Scripting Languages R203212C	<u><b>Open Elective (OE II) :-</b></u> Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H (Common to CSE,IT) Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	.....
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Automobile Components and Chassis Design (R2032241)	Automobile Transmission Systems (R2032242)	Vehicle Body Engineering (R2032243)	<u><b>Professional Elective (PE II) :-</b></u> CFD for Automobile Applications R203224A Condition Monitoring R203224B Noise Vibrations and Harshness R203224C Mechatronics R203224D Measurements and Control Systems R203224E	<u><b>Open Elective (OE II) :-</b></u> Alternative Fuels for Automobiles R203224G Vehicle Stability and Control R203224H Electric Vehicles and Hybrid Technology R203224I	.....
<b>MINING ENGINEERING (26 MM)</b>	Surface Mining (R2032261)	Mine Legislation and Safety (R2032262)	Underground Metal Mining (R2032263)	<u><b>Professional Elective (PE) :-</b></u> Computer Applications and Tools R203226A Mine Economics R203226B Mine Mechanization R203226C Mine Automation R203226D	<u><b>Open Elective (OE II) :-</b></u> Mineral Economics, Business and Trade R203226E Landslides & Slope Stability Engineering R203226F Remote Sensing and GIS R203201K Geostatistics R203226G	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

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	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Soil and Water Conservation Engineering (R2032351)	Farm Machinery and Equipment - II (R2032352)	Agricultural Process Engineering (R2032353)	<b>Professional Elective (PE) :-</b> Food Packaging Technology R203235A Watershed Management R203235B Human Engineering and Safety R203235C	<b>Open Elective (OE II) :-</b> Principles of Soil Science and Agronomy R203235D Farm Power and Tractor Systems R203235E Soil and Water Conservation Engineering R203235F Ground Water Hydrology, Wells and Pumps R203235G, Surface Water Hydrology R203235H, Post Harvest Engineering of Cereals, Pulses and Oilseeds R203235I, Agricultural Process Engineering R203235J	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Computer Networks (R2032421) (Comm to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI), AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Professional Elective (PE) :-</b> Software Project Management R203242A (Comm to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD) Distributed Systems R203242B (Comm to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD) Internet of Things R203242C (Comm to CSE(AIML), CSE(AI), AIML) Network Programming R203205D (Comm to CSE, CSE(AIML), CSE(AI), AIML, CSD)	<b>Open Elective (OE I) :-</b> MEAN Stack Development R203205E (Common to CSE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	.....
<b>CSE (Artificial Intelligence) (43)</b>	Computer Networks (R2032421) (Comm to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI), AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML)	<b>Professional Elective (PE) :-</b> Software Project Management R203242A (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD) Distributed Systems R203242B (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD) Internet of Things R203242C (Common to CSE(AIML), CSE(AI), AIML) Network Programming R203205D (Comm to CSE, CSE(AIML), CSE(AI), AIML, CSD) Expert Systems R203243A	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

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BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>CSE (Data Science) (44)</b>	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AI DS),AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AI DS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning R203244A (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science R203244B (Comm to CSE(DS),CSE(AIDS),AIDS) ETL Principles R203244C	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AI DS),AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AI DS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning R203244A (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science R203244B (Comm to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics R203245A (Common to CSE(AIDS),AIDS)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....
<b>CSE (Cyber Security) (46)</b>	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security (R2032461) (Comm to CSE(CS),IOTCSIBCT,CS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)	.....	<b>Open Elective (OE II) :-</b> Web Services R203246B (Comm to CSE(CS),IOTCSIBCT,CS)	.....



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## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

### TIME TABLE

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	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
CSE (Internet of things and Cyber security including Block chain Technology) (47)	Block Chain Technologies (R2032471)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS) ,AIDS)	Introduction to Cybersecurity (R2032463) (Common to CSE(CS),IOTCSIBCT, CS)	.....	<b>Open Elective (OE II) :-</b> Web Services R203246B (Comm to CSE(CS)IOTCSIBCT,CS)	.....
CSE (Internet of Things) (49)	Machine Learning (R2032462) (Common to CSE(CS)CSE(IOT),CS )	Embedded System Design (R2032491)	Sensors and Actuator Devices for IoT (R2032492)	.....	<b>Open Elective (OE II) :-</b> Social Network and Semantic Web Course R203249B	.....
FOOD ENGINEERING (51)	Mass Transfer in Food Processing (R2032511)	Processing of Milk, Meat and Marine Products (R2032512)	Food Packaging Technologies (R2032513)	Separation Techniques in Food Processing R203251A Thermal Operations in Food Processing R203251B Automation in Food Industry R203251C	Membrane Technology in Food Engineering R203251D Renewable Energy Systems R203251E TQM in Food Industry R203251F	.....
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AIDS) ,AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning R203244A (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AID S,AIML,CSD) Data Wrangling in Data Science R203244B (Common to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics R203245A (Common to CSE(AIDS),AIDS)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,,AIML,CSD)	.....





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<b>PHARMACEUTICAL ENGINEERING (55)</b>	Pharmaceutical Engineering – II (R2032551)	Instrumental Methods of Analysis (R2032552)	Principles of Transducers and Measurements (R2032553)	<b>Professional Elective (PE) :-</b> Computer Aided Drug Design <b>R203255A</b> Pharmaceutical Regulatory Affairs <b>R203255B</b> Novel Drug Delivery Systems <b>R203255C</b>	<b>Open Elective (OE II) :-</b> Hospital Management and Information Systems <b>R203255D</b> Neural Networks and Fuzzy Logic <b>R203255E</b> Introduction to Database Management <b>R203255F</b>	Water Conservation Management (R2032554)
<b>CYBER SECURITY (59)</b>	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS),AI,DS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)	.....	<b>Open Elective (OE II) :-</b> Web Services <b>R203246B</b> (Common to CSE(CS),IOTCSIBCT,CS)	.....
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Deep Learning (R2032422) (Common to CSE{ AIML}, CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things <b>R203242C</b> (Common to CSE(AIML),CSE(AI),AIML) Network Programming <b>R203205D</b> (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....





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## III B.TECH II SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2024

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TIME: 02.00 PM TO 05.00 PM

BRANCH	DATE & DAY					
	18-11-2024 (Monday)	20-11-2024 (Wednesday)	22-11-2024 (Friday)	25-11-2024 (Monday)	27-11-2024 (Wednesday)	29-11-2024 (Friday)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Computer Aided Design (R2032621)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning R203244A (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, S,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, S,AIML,CSD) Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, S,AIML,CSD)	.....

#### 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) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 06-11-2024

Controller of Examinations (UG)