



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) SUPPLEMENTARY EXAMINATIONS, DECEMBER - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	13-12-2022 (Tuesday)	15-12-2022 (Thursday)	17-12-2022 (Saturday)	20-12-2022 (Tuesday)	22-12-2022 (Thursday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



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<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>



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<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



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<b>CSE (Data Science) (44)</b>	<b>Probability and Statistics R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	<b>Computer Organization R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Formal Languages and Automata Theory R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	<b>Data Warehousing and Mining R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	<b>Managerial Economics and Financial Accountancy R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Probability and Statistics R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	<b>Computer Organization R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Formal Languages and Automata Theory R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	<b>Data Warehousing and Mining R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	<b>Managerial Economics and Financial Accountancy R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Cyber Security) (46)</b>	<b>Probability and Statistics R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	<b>Database Management Systems R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	<b>Formal Languages and Automata Theory R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	<b>Computer Organization &amp; Architecture R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	<b>Managerial Economics and Financial Accountancy R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



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<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Computer Science and Business System) (48)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Operating Systems <b>R2022481</b> (Common to CSE(CSBS), CS)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics <b>R2022482</b>
<b>CSE (Internet of Things) (49)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>FOOD ENGINEERING (51)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Principles of Food Engineering - II <b>R2022511</b>	Food Chemistry <b>R2022512</b>	Processing of Cereals, Pulses and Oilseeds <b>R2022513</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Common to CE,EEE,EIE,ECT,AGE,FE)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Common to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



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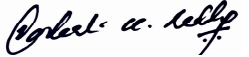
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<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS), CSE(CS),CSE(IOTCSIBCT),CSE(CSBS), CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS), AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Common to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)

**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: 23-11-2022**

  
Controller of Examinations