



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



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



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MINING ENGINEERING (26-MM)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power R2022261	Rock Mechanics R2022262	Mine Ventilation R2022263	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)	Mathematics –IV R2022271	Instrumentation, Process Dynamics & Control R2022272	Thermodynamics for Petroleum Engineers R2022273	Drilling & Well Completions R2022274	Management and Organizational Behavior R2022045 (Common to ECE, PE)
AGRICULTURAL ENGINEERING (35-AGE)	Heat and Mass Transfer R2022351	Ground Water Hydrology, Well and Pumps R2022352	Theory of Structures R2022353	Soil Mechanics R2022354	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)
CSE (Artificial Intelligence and Machine Learning) (42)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
CSE (Artificial Intelligence) (43)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy R2022055 (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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CSE (Data Science) (44)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
CSE (Artificial Intelligence and Data Science) (45)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
CSE (Cyber Security) (46)	Probability and Statistics R2022051 (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 R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy R2022055 (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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CSE (Internet of things and Cyber security including Block chain Technology) (47)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML)CSE(AI),CSE(DS)CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AI ML)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)
CSE (Computer Science and Business System) (48)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML)CSE(AI),CSE(DS)CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AI ML)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Operating Systems R2022481 (Common to CSE(CSBS), CS)	Java Programming R2022054 (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics R2022482
CSE (Internet of Things) (49)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML)CSE(AI),CSE(DS)CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AI ML)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)
FOOD ENGINEERING (51)	Python Programming R2022021 (Common to EEE, FE)	Principles of Food Engineering - II R2022511	Food Chemistry R2022512	Processing of Cereals, Pulses and Oilseeds R2022513	Managerial Economics & Financial Analysis R2022015 (Common to CE,EEE,EIE,ECT,AGE,FE)
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML)CSE(AI),CSE(DS)CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AI ML)	Computer Organization R2022421 (Common to CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)	Data Warehousing and Mining R2022422 (Comm to CSE(AI ML),AI,DS,CSE(AIDS),AIDS,AI ML)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML)



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

Robert A. Kelly
Controller of Examinations