



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER - 2024
REVISED TIME TABLE

TIME: 02.30 PM TO 04.30 PM

BRANCH	DATE & DAY					
	09.09.2024 (Monday)	10.09.2024 (Tuesday)	11.09.2024 (Wednesday)	12.09.2024 (Thursday)	13.09.2024 (Friday)	17.09.2024 (Tuesday)
CIVIL ENGINEERING (01 CE)	Structural Analysis (R2031011)	Design And Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Construction Technology & Management R203101A	Strength of Materials R203101E	
				Remote Sensing and GIS R203101B	Fluid Mechanics R203101F	
				Environmental Impact Assessment R203101C	Surveying and Geomatics R203101G	
				Low-Cost Housing R203101D	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)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Linear Ic Applications R203102A	Renewable Energy Sources R203102F	
				Utilization Of Electrical Energy R203102B	Concepts Of Optimization Techniques R203102G	
				Computer Architecture And Organization R203102C	Concepts of Control Systems R203102H	
				Optimization Techniques R203102D		
				Object Oriented Programming Through Java R203102E		
				Optimization Techniques R203102D		
Object Oriented Programming Through Java R203102E						
MECHANICAL ENGINEERING (03 ME)	Thermal Engineering-II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Finite Element Methods R203103A	Sustainable Energy Technologies R203103G	
				Industrial Robotics R203103B	Operations Research R203103H	
				Advanced Materials R203103C	Nano Technology R203103I	
				Renewable Energy Sources R203103D	Thermal Management of Electronic systems R203103J	
				Mechanics of Composites R203103E		
MOOCs (NPTEL/Swayam) R203103F						



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ELECTRONICS & COMMUNICATION ENGINEERING (04 ECE)	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	Professional Elective (PE) :- Antenna And Wave Propagation R203104A	Open Elective (OE I) :- Basics of Signals and Systems R203104D Electronic Measurements and Instrum. R203104E
				Electronic Measurements & Instrumentation R203104B	Principles of Signal Processing R203104F Industrial Electronics R203104G	
				Computer Architecture & Organization R203104C	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	
				Professional Elective (PE II) :- Artificial Intelligence R203105A	Open Elective (OE I) :- 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	
				Software Project Management R203105B	DevOps R203112B	
				Distributed Systems R203105C	Data Structures R203105F	
				Advanced Unix Programming R193205D	Object Oriented Progra. through JAVA R203105G	
				Data Mining and Data Mining (R2031053)	Data Base Management Systems R203105H	
				Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Computer Graphics R203105I	
				Computer Networks (R2031051) (Common to CSE,IT)	Advanced UNIX Programming R203105J	
				Data Mining Techniques (R2031121)	Computer Organization and Arch. R203105K	
				Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Operating Systems R203105L	



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AUTO MOBILE ENGINEERING (24 AME)	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	Professional Elective (PE) :- Alternative Fuels for Engines R203124A	Open Elective (OE I) :- Basic Automobile Engineering R203124G
				Two and Three Wheelers R203124B	Automobile Maintenance and Safety R203124H	
				Microprocessor and Micro Controllers R203124C	Automobile Emissions and Effects R203124I	
				Heat Transfer R203124D		
				Industrial Hydraulics and Pneumatics R203124E		
				MOOC's/NPTEL R203124F		
MINING ENGINEERING (26 MM)	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	Professional Elective (PE) :- Remote Sensing and GIS R203101B	Open Elective (OE I) :- Introduction to Underground Mining R203126D
				Resource Evaluation and Geo-Statistics - R203126A	Introduction to Surface Mining R203126E	
				Mine Planning and Design R203126B	Tunneling and Underground Space Design R203126F	
				Mine Safety & Ergonomics R203126C	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)	Professional Elective - I Seed Processing and Storage Engineering R203135A	Open Elective - I Principles of Soil Science and Agronomy R203135D
				Greenhouse Technology R203135B	Farm Power and Tractor Systems R203135E	
				Tractor Design and Testing R203135C	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	



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CSE (Artificial Intelligence and Machine Learning) (42)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML, CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
CSE (Artificial Intelligence) (43)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
CSE (Data Science) (44)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
CSE (Artificial Intelligence and Data Science) (45)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML, CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
				DevOps R203142D		



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CSE (Cyber Security) (46) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	Software Engineering (R2031462) <small>(Common to CSE(CS),CS)</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Computer Graphics R203146A	Web Technologies R203146F	
				Artificial Intelligence R203146B	Data Structures R203146G	
				Compiler Design R203146C	Computer Networks R203146H	
				Advanced Data Structures R203146D	Data Base Management Systems R203146I	
Principles of Programming Languages R203146E	Problem Solving using Python R203146J					
CSE (Internet of things and Cyber security including Block chain Technology) (47) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	IoT Architecture and its Protocols (R2031471) <small>(Common to IOTCSIBCT,CSE(IOT))</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Data Warehousing & Data Mining R203147A	Web Technologies R203147C	
				Compiler Design R203146C	Data Structures R203147D	
				Software Engineering R203142A	Computer Networks R203147E	
				Micro Processors & Micro Controllers R203147B	Data Base Management Systems R203147F	
Computer Graphics R203146A	Problem Solving using Python R203147G					
	Open Electives offered by other Departments R203148D					
CSE (Internet of Things) (49) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	IoT Architecture and its Protocols (R2031471) <small>(Common to IOTCSIBCT,CSE(IOT))</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Compiler Design R203146C	Natural Language Processing R203149B	
				Software Engineering R203142A	Data Structures R203149C	
				Computer Graphics R203146A	Computer Networks R203149D	
				Principles of Programming Languages R203146E	Data Base Management System R203149E	
Advanced Computer Architecture R203149A	Problem Solving using Python R203149F					
FOOD ENGINEERING (51)	Heat Transfer in Food Processing (R2031511)	Processing of Fruits Vegetables Spices and Plantation Crops (R2031512)	Food Plant Design and Process Economics (R2031513)	Transport Phenomena in Food Engineering R203151A	Food Material Science and Engineering R203151D
				Statistical Methods in Food Engineering R203151B	Biochemical Engineering R203151E	
				Process Modeling and Simulation R203151C	Food Thermodynamics R203151F	



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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Compiler Design (R2031421) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CS</small>	Operating Systems (R2031422) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AI ML</small>	Machine Learning (R2031423) <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AI ML)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
PHARMACEUTICAL ENGINEERING (55)	Managerial Economics and Financial Accountancy (R2031551)	Pharmaceutical Engineering-I (R2031552)	Biopharmaceutics and Pharmacokinetics (R2031553)	Professional Elective (PE) :-	Open Elective (OE I) :-	Biostatistics R2031554
				Quality Control and Assurance R203155A	Non-Conventional Energy Sources R203155D	
				Food Processing Technology R203155B	Introduction to Data Structures R203155E	
				Pharmaceutical Biotechnology R203155C	Design and Analysis of Experiments R203155F	
CYBER SECURITY (59)	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT, CSE(IOT),CS,CSBS)</small>	Software Engineering (R2031462) <small>(Common to CSE(CS),CS)</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Computer Graphics R203146A	Web Technologies R203146F	
				Artificial Intelligence R203146B	Data Structures R203146G	
				Compiler Design R203146C	Computer Networks R203146H	
				Advanced Data Structures R203146D	Data Base Management Systems R203146I	
				Principles of Programming Languages R203146E	Problem Solving using Python R203146J	
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Compiler Design (R2031421) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CS</small>	Operating Systems (R2031422) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AI ML</small>	Machine Learning (R2031423) <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AI ML)</small>	Professional Elective (PE) :-	Open Elective (OE I) :-
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
				MOOC's/NPTEL R203142E		



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COMPUTER SCIENCE AND DESIGN (62)	Compiler Design (R2031421) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS</small>	Operating Systems (R2031422) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML</small>	Human Computer Interaction (R2031621)	Professional Elective (PE) :- Software Engineering R203142A Object Oriented Analysis and Design R203144A Internet of Things R203144B DevOps R203142D	Open Elective (OE I) :- Optimization in Operations Research R203105E

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: 03-09-2024

Controller of Examinations (UG)