



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

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

**TIME TABLE**

**TIME: 02.00 PM TO 05.00 PM**

BRANCH	DATE & DAY					
	02.09.2024 (Monday)	03.09.2024 (Tuesday)	04.09.2024 (Wednesday)	05.09.2024 (Thursday)	06.09.2024 (Friday)	09.09.2024 (Monday)
<b>CIVIL ENGINEERING (01 CE)</b>	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>	.....
				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					
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				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						
<b>MECHANICAL ENGINEERING (03 ME)</b>	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>	.....
				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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<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>Professional Elective (PE) :-</b> Antenna And Wave Propagation R203104A	<b>Open Elective (OE I) :-</b> 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	
				<b>Professional Elective (PE II) :-</b> Artificial Intelligence R203105A	<b>Open Elective (OE I) :-</b> 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	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	
				Distributed Systems R203105C	Data Base Management Systems R203105H Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Advanced Unix Programming R193205D	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Data Warehousing and Data Mining (R2031053)	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Computer Networks (R2031051) (Common to CSE,IT)	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Computer Networks (R2031051) (Common to CSE,IT)	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	



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<b>AUTO MOBILE ENGINEERING</b> (24 AME)	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<b>Professional Elective (PE) :-</b> Alternative Fuels for Engines <b>R203124A</b>	<b>Open Elective (OE I) :-</b> Basic Automobile Engineering <b>R203124G</b>	.....
				Two and Three Wheelers <b>R203124B</b>	Automobile Maintenance and Safety <b>R203124H</b>	
				Microprocessor and Micro Controllers <b>R203124C</b>	Automobile Emissions and Effects <b>R203124I</b>	
				Heat Transfer <b>R203124D</b>		
				Industrial Hydraulics and Pneumatics <b>R203124E</b>		
				MOOC's/NPTEL <b>R203124F</b>		
<b>MINING ENGINEERING</b> (26 MM)	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<b>Professional Elective (PE) :-</b> Remote Sensing and GIS <b>R203101B</b>	<b>Open Elective (OE I) :-</b> Introduction to Underground Mining <b>R203126D</b>	.....
				Resource Evaluation and Geo-Statistics - <b>R203126A</b>	Introduction to Surface Mining <b>R203126E</b>	
				Mine Planning and Design <b>R203126B</b>	Tunneling and Underground Space Design <b>R203126F</b>	
				Mine Safety & Ergonomics <b>R203126C</b>	Engineering Survey <b>R203126G</b>	
<b>AGRICULTURAL ENGINEERING</b> (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> Seed Processing and Storage Engineering <b>R203135A</b>	<b>Open Elective - I</b> Principles of Soil Science and Agronomy <b>R203135D</b>	.....
				Greenhouse Technology <b>R203135B</b>	Farm Power and Tractor Systems <b>R203135E</b>	
				Tractor Design and Testing <b>R203135C</b>	Soil and Water Conservation Engineering <b>R203135F</b>	
					Ground Water Hydrology, Wells and Pumps <b>R203135G</b>	
					Surface Water Hydrology <b>R203135H</b>	
					Post Harvest Engineering of Cereals Pulses and Oilseeds <b>R203135I</b> Agricultural Process Engineering <b>R203135J</b>	



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<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C E(AIDS),AIDS,AIML, CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,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 R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
				MOOC's/NPTEL R203142E		
<b>CSE (Artificial Intelligence) (43)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,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 R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
<b>CSE (Data Science) (44)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,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 R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C E(AIDS),AIDS,AIML, CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,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 R203142A	Optimization in Operations Research R203105E	
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
				DevOps R203142D		



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<b>CSE (Cyber Security) (46)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>Software Engineering (R2031462)</b> <small>(Common to CSE(CS),CS)</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>		<b>Open Elective (OE I) :-</b>  .....		
				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	
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>IoT Architecture and its Protocols (R2031471)</b> <small>(Common to IOTCSIBCT,CSE(IOT))</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>		<b>Open Elective (OE I) :-</b>  .....		
				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						
<b>CSE (Internet of Things) (49)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>IoT Architecture and its Protocols (R2031471)</b> <small>(Common to IOTCSIBCT,CSE(IOT))</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>		<b>Open Elective (OE I) :-</b>  .....		
				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	
<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>	Transport Phenomena in Food Engineering R203151A		<b>Food Material Science and Engineering R203151D</b>  .....  Food Thermodynamics R203151F		
				Statistical Methods in Food Engineering R203151B			Biochemical Engineering R203151E	
				Process Modeling and Simulation R203151C				



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<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	<b>Compiler Design (R2031421)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CS</small>	<b>Operating Systems (R2031422)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AI ML</small>	<b>Machine Learning (R2031423)</b> <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AI ML)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
<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>	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	
<b>CYBER SECURITY (59)</b>	<b>Computer Networks (R2031461)</b> <small>(Common to CSE(CS),IOTCSIBCT, CSE(IOT),CS,CSBS)</small>	<b>Software Engineering (R2031462)</b> <small>(Common to CSE(CS),CS)</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				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	
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	<b>Compiler Design (R2031421)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CS</small>	<b>Operating Systems (R2031422)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AI ML</small>	<b>Machine Learning (R2031423)</b> <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AI ML)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				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) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CS E(AIDS),AIDS,AIML	Human Computer Interaction (R2031621)	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		

**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: 27-08-2024

Controller of Examinations (UG)