



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, DEC/JAN - 2022/2023

### REVISED TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)
<b>CIVIL ENGINEERING (01 CE)</b>	<b>Structural Analysis (R1931011)</b>	<b>Concrete Technology (R1931012)</b>	<b>Water Resources Engineering - I (R1931013)</b>	<b>Environmental Engineering - II (R1931014)</b>	<b>Program Elective – I :-</b>	<b>Open Elective – I (Choose any One)</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>	<b>Linear IC Applications (R1931023)</b>	<b>Power Electronics (R1931022)</b>	<b>Power Systems-II (R1931021)</b>	<b>Digital Signal Processing (R1931024)</b>	<b>Microprocessors and Microcontrollers (R1931025)</b>	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	<b>Dynamics of Machinery (R1931031)</b>	<b>Design of Machine Members-II (R1931032)</b>	<b>Mechanical Measurements &amp; Metrology (R1931033)</b>	<b>Managerial Economics and Financial Accountancy (R1931034)</b>	<b>IC Engines &amp; Gas turbines (R1931035)</b>	.....



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<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, DEC/JAN - 2022/2023****REVISED TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

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<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)
<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 R1931354	.....

**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.

*H. R. K. K.***Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R13)

## III B TECH - I SEMESTER (R13 REGULATION) SUPPLEMENTARY EXAMINATIONS, DEC/JAN -2022/2023

### REVISED TIME TABLE

TIME: 10.00 AM TO 1.00 PM

BRANCH	DATE AND DAY						
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)	09-01-2023 (Monday)
<b>CIVIL ENGINEERING (01- CE)</b>	Structural Analysis – II (RT31012)	Design and Drawing of Reinforced Concrete Structures (RT31013)	Engineering Geology (RT31014)	Transportation Engineering – I (RT31015)	IPR & Patents (RT31016)	Geotechnical Engineering – I (RT31011)	----
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	Managerial Economics and Financial Analysis (RT31022)	Power Systems-II (RT31023)	Electrical Machines – III (RT31024)	Power Electronics (RT31025)	IPR & Patents (RT31016)	Electrical Measurements (RT31021)	Linear & Digital IC Applications (RT31026)
<b>MECHANICAL ENGINEERING (03 - ME)</b>	Metal Cutting & Machine Tools (RT31032)	Design of Machine Members-I (RT31033)	Instrumentation & Control Systems (RT31034)	Thermal Engineering - II (RT31035)	IPR & Patents (RT31016)	Dynamics of Machinery (RT31031)	Metrology (RT31036)
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	Linear IC Applications (RT31042)	Control Systems (RT31043)	Digital System Design & Digital IC Applications (RT31044)	Antennas and Wave Propagation (RT31045)	IPR & Patents (RT31016)	Pulse & Digital Circuits (RT31041)	----
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	Data Communication (RT31052)	Principles of Programming Languages (RT31053)	Database Management Systems (RT31054)	Operating Systems (RT31055)	----	Compiler Design (RT31051)	----

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BRANCH	DATE AND DAY						
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)	09-01-2023 (Monday)
<b>CHEMICAL ENGINEERING (08 - CHEM)</b>	Organic Chemical Technology	Chemical Engineering Thermodynamics-II	Chemical Reaction Engineering – I	Mass Transfer Operations-I	----	Process Heat Transfer	Process Instrumentation
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	Linear Integrated Circuits Applications	Control Systems	Digital System Design (DICA)	Digital Signal Processing	IPR & Patents	Pulse & Digital Circuits	----
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	Data Communication (RT31052)	Advanced JAVA (RT31123)	Database Management Systems (RT31054)	Operating Systems (RT31055)	----	Software Engineering (RT31121)	----
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	Linear IC Applications	Design & Analysis of Algorithms	Computer Graphics	Management Science	IPR & Patents	Digital IC Applications	----
<b>AERONAUTICAL ENGINEERING (21 - AE)</b>	Aerodynamics – II	Aerospace Vehicle Structures – I	Aerospace Propulsion – I	CAD/CAM	IPR & Patents	Flight Mechanics - I	Introduction to Space Technology

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BRANCH	DATE AND DAY						
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)	09-01-2023 (Monday)
<b>AUTOMOBILE ENGINEERING (AME-24)</b>	Managerial Economics and Financial Analysis (RT31022)	Design of Machine Elements (RT31243)	Vehicle Transport Management	Heat Transfer	IPR & Patents	Dynamics of Machinery (RT31031)	Fuels and Combustion
<b>MINING ENGINEERING (26-MM)</b>	Managerial Economics and Financial Analysis	Mine Environment Engineering – I	Electrical Equipment in Mines	Mine Surveying-II	IPR & Patents	Under Ground Coal Mining Technology	Mine Mechanization
<b>PETROLEUM ENGINEERING (27-PE)</b>	Well Logging & Formation Evaluation (RT31272)	Drilling Technology	Well Engineering (RT31274)	Process Dynamics & Control (RT31275)	----	Petroleum Exploration (RT31271)	Process Instrumentation (RT31086)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Soil and Water Conservation Engineering	Agricultural Process Engineering (RT31353)	Engineering Properties of Biological Materials and Food Quality (RT31354)	Agricultural Extension Techniques and Business Management	IPR & Patents	Thermodynamics and Refrigeration Systems	----

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: 09 -12-2022

Controller of Examinations



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R16)

## III B.TECH - I SEMESTER (R16 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, DEC/JAN – 2022/2023

### REVISED TIME TABLE

TIME : 10.00 AM TO 01.00 PM

BRANCH	DATE AND DAY				
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)
<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)

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<b>BRANCH</b>	<b>DATE AND DAY</b>				
	<b>26-12-2022 (Monday)</b>	<b>28-12-2022 (Wednesday)</b>	<b>30-12-2022 (Friday)</b>	<b>02-01-2023 (Monday)</b>	<b>04-01-2023 (Wednesday)</b>
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	Computer Architecture and Organization (Com. to ECE,EIE) (R1631041)	Linear IC Applications (Com. to ECE,EIE) (R1631042)	Digital Signal Processing (R1631102)	Digital IC Applications (Com. to ECE,EIE) (R1631043)	Process Instrumentation (R1631101)
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	Human Computer Interaction (R1631121)	Unix and Shell Programming (Com. to CSE,IT) (R1631052)	Advanced JAVA Programming (R1631122)	Database Management Systems (Com. to CSE,IT) (R1631054)	Operating Systems (Com. to CSE,IT) (R1631055)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	Computer Graphics (R1631191)	Linear IC Applications (Com. To ECE,EIE,ECom E) (R1631042)	Design and Analysis of Algorithms (R1631193)	Digital IC Applications (Com. to ECE,EIE,ECom E) (R1631043)	Computer Networks (R1631192)
<b>AERONAUTICAL ENGINEERING (21 - AE)</b>	Aircraft Performance (R1631211)	Aerodynamics – II (R1631212)	Aircraft Structures- I (R1631213)	Propulsion – I (R1631214)	Theory of Machines (R1631215)



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

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*H. R. Kic*

**DATE: 09 -12-2022**

**Controller of Examinations**

**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS**  
**FROM R13 TO R16 REGULATIONS**

DATE OF EXAMINATION: 06-01-2023 (Friday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
CIVIL ENGINEERING (01 - CE)	----	Transportation Engineering-I (P1622016)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - ME)	----	Managerial Economics & Financial Analysis (P1621026)
MECHANICAL ENGINEERING (03 - ME)	----	Design of Machine Members-I (P1622034)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Professional Ethics & Human Values	Control Systems (P1622042)
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	---	Engineering Mechanics (P161111)
INFORMATION TECHNOLOGY (12-IT)	Professional Ethics & Human Values	Software Engineering (P1621121)

**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS**  
**FROM R13 TO R16 REGULATIONS**

DATE OF EXAMINATION: 06-01-2023 (Friday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	----	Environmental Studies (P161212)

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*H. R. Kic*

DATE: 09 -12-2022

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**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS**  
**FROM R13 TO R16 REGULATIONS**

DATE OF EXAMINATION: 06-01-2023 (Friday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Professional Ethics & Human Values	Pulse & Digital Circuits (P1622045)
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	----	Python Programming

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**DATE: 09 -12-2022**



**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DEC/JAN - 2022/2023

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<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>  Construction Technology & Management R203101A / Remote Sensing and GIS R203101B / Environmental Impact Assessment R203101C / Low-Cost Housing R203101D	<b>Open Elective (OE I) :-</b>  Strength of Materials R203101E / Fluid Mechanics R203101F / Surveying and Geomatics R203101G / 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>  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	<b>Open Elective (OE I) :-</b>  Renewable Energy Sources R203102F / Concepts Of Optimization Techniques R203102G / Concepts of Control Systems R203102H	Data Base Management Systems (R203105M)  Special Electrical Machines (R203102M)	Operating Systems (R203105N)  Electrical Distribution Systems (203102N)
<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>  Finite Element Methods R203103A / Industrial Robotics R203103B / Advanced Materials R203103C / Renewable Energy Sources R203103D / Mechanics of Composites R203103E / MOOCs (NPTEL/Swayam) R203103F	<b>Open Elective (OE I) :-</b>  Sustainable Energy Technologies R203103G / Operations Research R203103H / Nano Technology R203103I / Thermal Management of Electronic systems R203103J	Data Base Management Systems (R203105M)  Advanced Mechanics of Fluids (R203103K)	Operating Systems (R203105N)  Experimental Methods in Fluid Mechanics (R203103X)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DEC/JAN - 2022/2023

### REVISED TIME TABLE

TIME: 10.00 AM TO 01.00 PM

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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Data Base Management Systems (R203105M)	Operating Systems (R203105N)
				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		
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Warehousing and Data Mining (R2031053)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE II) :-</b>	Electronics Devices And Basic Circuits (R203104T) Statistical Foundation For Data Science (R203105P) Text Mining And Time Series Analysis (R203105O)	Digital Electronics (R203104U) Data Visualization (R203105Q) Mathematics For Machine Learning (R203105R)
				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 EXAMINATIONS, DEC/JAN - 2022/2023

### REVISED TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)	09-01-2023 (Monday)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Mining Techniques (R2031121)	<u>Professional Elective (PE II) :-</u>  Artificial Intelligence R203105A / Distributed Systems R203105C / Advanced Unix Programming R203105D / Agile Software Process R203112A	<u>Open Elective (OE I) :-</u>  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	.....	.....
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<u>Professional Elective (PE) :-</u>  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	<u>Open Elective (OE I) :-</u>  Basic Automobile Engineering R203124G / Automobile Maintenance and Safety R203124H / Automobile Emissions and Effects R203124I	.....	.....
<b>MINING ENGINEERING (26 MM)</b>	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<u>Professional Elective (PE) :-</u>  Remote Sensing and GIS R203101B / Resource Evaluation and Geo-Statistics - R203126A / Mine Planning and Design R203126B / Mine Safety & Ergonomics R203126C	<u>Open Elective (OE I) :-</u>  Introduction to Underground Mining R203126D / Introduction to Surface Mining R203126E / Tunneling and Underground Space Design R203126F / Engineering Survey R203126G	.....	.....
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Farm Machinery and Equipment - I (R2031351)	Surface Water Hydrology (R2031352)	Post Harvest Engineering of Cereals, Pulses and Oilseeds (R2031353)	<u>Professional Elective - I</u>  Seed Processing and Storage Engineering R203135A / Greenhouse Technology R203135B / Tractor Design and Testing R203135C	<u>Open Elective - I</u>  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 EXAMINATIONS, DEC/JAN - 2022/2023

### REVISED TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	26-12-2022 (Monday)	28-12-2022 (Wednesday)	30-12-2022 (Friday)	02-01-2023 (Monday)	04-01-2023 (Wednesday)	06-01-2023 (Friday)	09-01-2023 (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>	.....	.....
				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>	.....	.....
				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

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## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DEC/JAN - 2022/2023

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<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CBS)	IoT Architecture and its Protocols <b>(R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<u>Professional Elective (PE) :-</u> 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>	<u>Open Elective (OE I) :-</u> 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>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)	IoT Architecture and its Protocols <b>(R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<u>Professional Elective (PE) :-</u> 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>	<u>Open Elective (OE I) :-</u> 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>	Heat Transfer in Food Processing <b>(R2031511)</b>	Processing of Fruits Vegetables Spices and Plantation Crops <b>(R2031512)</b>	Food Plant Design and Process Economics <b>(R2031513)</b>	Transport Phenomena in Food Engineering <b>R203151A /</b> Statistical Methods in Food Engineering <b>R203151B /</b> Process Modeling and Simulation <b>R203151C</b>	Food Material Science and Engineering <b>R203151D /</b> Biochemical Engineering <b>R203151E /</b> Food Thermodynamics <b>R203151F</b>	.....	.....
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</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),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u> Software Engineering <b>R203142A /</b> DevOps <b>R203142D /</b> Object Oriented Analysis and Design <b>R203144A /</b> Internet of Things <b>R203144B</b>	<u>Open Elective (OE I) :-</u> Optimization in Operations Research <b>R203105E</b>	.....	.....
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Managerial Economics and Financial Accountancy <b>(R2031551)</b>	Pharmaceutical Engineering-I <b>(R2031552)</b>	Biopharmaceutics and Pharmacokinetics <b>(R2031553)</b>	<u>Professional Elective (PE) :-</u> Quality Control and Assurance <b>R203155A /</b> Food Processing Technology <b>R203155B /</b> Pharmaceutical Biotechnology <b>R203155C</b>	<u>Open Elective (OE I) :-</u> Non-Conventional Energy Sources <b>R203155D /</b> Introduction to Data Structures <b>R203155E /</b> Design and Analysis of Experiments <b>R203155F</b>	Biostatistics <b>R2031554</b>	.....





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DEC/JAN - 2022/2023

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CYBER SECURITY (59)	Computer Networks (R2031461) (Common to CSE(CS),IOTCSIB CT,CSE(IOT),CS,C SBS)	Software Engineering (R2031462) (Common to CSE(CS),CS)	Design and Analysis of Algorithms (R2031463) (Common to CSE(CS),IOTCSOB CT,CSE(IOT),CS)	Professional Elective (PE) :-	Open Elective (OE I) :-	.....	.....
				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		
ARTIFICIAL INTELLIGEN CE AND MACHINE LEARNING (61)	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),CS E(AIDS),AIDS,AIML, CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI ,CSE(DS),CSE(AI DS),AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-	.....	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D / MOOC's/NPTEL R203142E	Optimization in Operations Research R203105E		

#### 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.

*H. R. K. K.*

Controller of Examinations

DATE: 09 -12-2022