



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R13)

## III B TECH I SEMESTER (R13 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

### T I M E T A B L E

T I M E: 10.00 AM TO 1.00 PM

BRANCH	DATE AND DAY						
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (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) Linear & Digital IC Applications (RT31026)	Electrical Measurements (RT31021)	----
<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					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
<b>CHEMICAL ENGINEERING (08 - CHEM)</b>	Organic Chemical Technology	Chemical Engineering Thermodynamics-II	Chemical Reaction Engineering – I	Mass Transfer Operations-I	----	Process Heat Transfer
<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

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BRANCH	DATE AND DAY					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
<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)
<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
<b>PETROLEUM ENGINEERING (27-PE)</b>	Well Logging & Formation Evaluation (RT31272)	Drilling Technology	Well Engineering (RT31274)	Process Dynamics & Control (RT31275)	----	Petroleum Exploration (RT31271)
<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: 29-08-2022

*Prakash C. Kalyan*  
Controller of Examinations

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

DATE OF EXAMINATION: 13-09-2022 (Tuesday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
CIVIL ENGINEERING (01 - CE)	----	Management Science (Com. to CE,PE) (R1631011)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	----	Signals and Systems (R1631023)

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

DATE OF EXAMINATION: 15-09-2022 (Thursday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
CIVIL ENGINEERING (01 - CE)	----	Structural Analysis – II (R1631013)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)		Power Electronics (R1631025)

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

DATE OF EXAMINATION: 17-09-2022 (Saturday)		TIME OF EXAMINATION: 10.00 AM TO 01.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
CIVIL ENGINEERING (01 - CE)	----	Design & Drawing of Reinforced Concrete Structures R1631014

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**DATE: 29-08-2022**

  
**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III YEAR B.TECH-I SEM (R10)

## III B TECH I SEMESTER (R10 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

### T I M E T A B L E

T I M E: 10.00 AM TO 01.00 PM

BRANCH	DATE AND DAY					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
<b>CIVIL ENGINEERING (01- CE)</b>	BUILDING PLANNING & DRAWING (R31012)	CONCRETE TECHNOLOGY (R31013)	WATER RESOURCES ENGINEERING-I (R31014)	STRUCTURAL ANALYSIS-II (R31015)	DESIGN & DRAWING OF CONCRETE STRUCTURES (R31011)	TRANSPORTATION ENGINEERING-I (R31016)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	ELECTRICAL MEASUREMENT (R31022)	POWER SYSTEMS-II (R31023)	POWER ELECTRONICS (R31024)	ELECTRICAL MACHINES-III (R31025)	COMPLEX VARIABLES AND STATISTICAL METHODS (R31021)	LINEAR & DIGITAL IC APPLICATION (R31026)
<b>MECHANICAL ENGINEERING (03 - ME)</b>	OPERATIONS RESEARCH (R31032)	DYNAMICS OF MACHINERY (COM.TO.ME,AME) (R31033)	THERMAL ENGINEERING-II (COM.TO.ME,AME) (R31034)	DESIGN OF MACHINE MEMBERS-I (R31035)	FINITE ELEMENT METHODS (COM.TO.ME,AM E) (R31031)	METAL CUTTING & MACHINE TOOLS (R31036)
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	DIGITAL IC APPLICATIONS (COM.TO.ECE,EIE, BME,ECC) (R31042)	LINEAR IC APPLICATIONS (COM.TO.ECE,EIE, BME,ECC) (R31043)	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS (COM.TO.ECE,EIE) (R31044)	ANTENNAS AND WAVE PROPAGATION (R31045)	COMPUTER ARCHITECTURE & ORGANIZATION (COM.TO.ECE, EIE) (R31041)	DIGITAL COMMUNICATIONS (R31046)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	COMPUTER NETWORKS (COM.TO.CSE,IT) (R31052)	ADVANCED DATA STRUCTURES (COM.TO.CSE,IT) (R31053)	COMPUTER GRAPHICS (COM.TO.CSE,IT) (R31054)	MICRO PROCESSORS AND MULTICORE SYSTEMS (R31055)	COMPILER DESIGN (R31051)	OPERATIONG SYSTEMS (COM.TO.CSE,IT) (R31056)

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BRANCH	DATE AND DAY					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
<b>CHEMICAL ENGINEERING (08 - CHEM)</b>	PROCESS HEAT TRANSFER	CHEMICAL ENGINEERING THERMODYNAMICS-II	MASS TRANSFER OPERATIONS-I	CHEMICAL REACTION ENGINEERING-I	ORGANIC CHEMICAL TECHNOLOGY	PROCESS INSTRUMENTATION (COM.TO CHEM,PETROL)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	DIGITAL IC APPLICATIONS (COM.TO.ECE,EIE, BME,ECC)	LINEAR IC APPLICATIONS (COM.TO.ECE,EIE , BME,ECC)	ELECTRONICS MEASUREMENT AND INSTRUMENTATION (COM.TO.ECE,EIE)	INDUSTRIAL INSTRUMENTATION	COMPUTER ARCHITECTURE & ORGANIZATION (COM.TO.ECE,EIE)	PRINCIPLES OF COMMUNICATION
<b>BIO-MEDICAL ENGINEERING (11 - BME)</b>	DIGITAL IC APPLICATIONS (COM.TO.ECE,EIE, BME,ECC)	LINEAR IC APPLICATIONS (COM.TO.ECE,EIE , BME,ECC)	BASIC CLINICAL SCIENCES-II	BIOFLUIDS AND MECHANICS	DIGITAL SIGNAL PROCESSING	BIOMEDICAL EQUIPMENT
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	COMPUTER NETWORKS (COM.TO.CSE,IT)  AUTOMATA THEORY AND COMPILER DESIGN P31121	ADVANCED DATA STRUCTURES (COM.TO.CSE,IT)	COMPUTER GRAPHICS (COM.TO.CSE,IT)	WEB TECHNOLOGIES (R31125)	SOFTWARE ENGINEERING (COM.TO.IT,ECC)	OPERATING SYSTEMS (COM.TO.CSE,IT) (R31056)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	DIGITAL IC APPLICATIONS (COM.TO.ECE,EIE, BME,ECC)	LINEAR IC APPLICATIONS (COM.TO.ECE,EIE , BME,ECC)	COMPUTER GRAPHICS	MANAGEMENT SCIENCE	SOFTWARE ENGINEERING (COM.TO.IT,ECC)	DESIGN & ANALYSIS OF ALGORITHMS

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BRANCH	DATE AND DAY					
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<b>AERONUTICAL ENGINEERING (21 - AE)</b>	FINITE ELEMENT AND MODELING METHODS	AERODYNAMICS-II	CAD/CAM	AEROSPACE PROPULSION-I	AEROSPACE VEHICLE STRUCTURES-I	FLIGHT MECHANICS-I
<b>BIO-TECHNOLOGY (23 - BIO)</b>	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM.TO.BOIT,AME)	BASIC INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY	GENETIC ENGINEERING	HEAT TRANSFER IN BIOPROCESSES	BIOCHEMICAL REACTION ENGINEERING-I	PLANT BIOTECHNOLOGY
<b>AUTO MOBILE ENGG. (AME-24)</b>	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM.TO.BOIT,AME)	DYNAMICS OF MACHINERY (COM.TO.ME,AME)	THERMAL ENGINEERING-II (COM.TO.ME,AME)	DESIGN OF MACHINE ELEMENTS	FINITE ELEMENT METHODS (COM.TO.ME,AME)	HEAT TRANSFER
<b>MINING (26-MM)</b>	ELECTRICAL EQUIPMENT IN MINES	UNDER GROUND COAL MINING TECHNOLOGY	MINE ENVIRONMENT ENGINEERING-I (R31264)	MINE DEVELOPMENT	MINE SURVEYING	MINE MECHANIZATION
<b>PETROLEUM ENGINEERING/PE TROLEUM TECHNOLOGY (27-PE)</b>	DRILLING TECHNOLOGY	WELL LOGGING & FORMATION EVALUATION	PETROLEUM EXPLORATION	PROCESS DYNAMICS & CONTROL	PETROLEUM REFINERY & PETROCHEMICAL ENGINEERING	PROCESS INSTRUMENTATION (COM.TO CHEM,PETROL) (R31086)

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DATE: 29-08-2022

*Pradeep K. Reddy*  
Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH I SEMESTER (RR, NR, R05, R07) - SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER- 2022****T I M E T A B L E****T I M E: 10.00 AM TO 01.00 PM**

BRANCHES	DATE & DAY					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
<b>CE (01)</b>	Structural Analysis-II V3102 (R07)	---	---	---	---	---
<b>EEE (02)</b>	Power Electronics R0203 (R05) Electrical Measurements R0201 (R05) Linear System Analysis V3107 (R07)	Linear & Discrete Sys. Ana. R0205 (R05) Power Systems-II R0202 (R05) Computer System Organization V3108 (R07)	Computer Organization S0201 (R05) Electrical Measurements V3109 (R07)	Power Electronics V3112 (R07)	Electrical Machines- III V3111 (R07)	Power Systems-II V3110 (R07)
<b>ME (03)</b>	Managerial Eco.& Financial Ana. S0301 (R05) Heat Transfer V3114 (R07)	Thermal Engineering-II S0306 (R05) Design of Machine Members-I S0305 (R05)	Kinematic of Machines D9904 (RR)	---	---	---
<b>ECE (04)</b>	Digital IC Applications D0401 (RR) Linear IC Applications R0401 (R05) Managerial Economics And Financial Analysis V3101 (R07) Linear IC Applications V3120 (R07)	Computer Organization D9902 (RR) Antennas & Wave Propagation S0402 (R05)	Antennas And Wave Propagation V3118 (R07)	Computer Organization V3119 (R07) Digital Communications V3122 (R07)	---	Digital IC Applications V3121 (R07)

<b>BRANCHES</b>	<b>13-09-2022 (Tuesday)</b>	<b>15-09-2022 (Thursday)</b>	<b>17-09-2022 (Saturday)</b>	<b>20-09-2022 (Tuesday)</b>	<b>22-09-2022 (Thursday)</b>	<b>24-09-2022 (Saturday)</b>
<b>CSE (05)</b>	Interfacing Th. Micro. Procs. D9908 (RR) Data Communication Systems V3124 (R07) (Common to CSE,IT)	Data Communications D9909 (RR) Computer Networks S0503 (R05) Design And Analysis of Algorithms V3123 (R07)	Artificial Intelligence D0501 (RR) Formal Languages & Automata Th. R0501 (R05) Micro Processors And Interfacing V3128 (R07) (Comm to CSE,IT)	Principles Of Programming Languages D9911 (RR)	Object Ori. Ana.& Desn. Th. Uml D9912 (RR)	Formal Languages And Automata Theory V3127(R07) Computer Graphics V3125 (R07) (Common to CSE,IT)
<b>EIE (10)</b>	Management Science V3136 (R07)	---	---	---	---	---
<b>IT (12)</b>	Theory Of Computation 41202 (RR) Communication Theory D1202 (RR) Theory of Computation 41202 (RR) Data Communication Systems V3124 (R07) (Comm To CSE,IT)	Software Engineering D1201 (RR)	Micro Processors And Interfacing V3128 (R07) (Comm to CSE, IT)	Distributed Databases V3146 (R07)	Automata And Compiler Design V3147 (R07)	Computer Graphics V3125 (R07) (Common to CSE,IT)

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ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

iii. THE CANDIDATES ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**(All the above Examinations will be conducted at University College of Engineering, JNTUK, Kakinada only)**

**(The Hall Tickets will be placed at [www.jntukexams.net](http://www.jntukexams.net))**



**Controller of Examinations**

**DATE: 29-08-2022**