JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

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)
CIVIL ENGINEERING (01- CE)	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)	----
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	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)	----
MECHANICAL ENGINEERING (03 - ME)	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)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	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)	----
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	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)
CHEMICAL ENGINEERING (08 - CHEM)	Organic Chemical Technology	Chemical Engineering Thermodynamics-II	Chemical Reaction Engineering – I	Mass Transfer Operations-I	----	Process Heat Transfer
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	Linear Integrated Circuits Applications	Control Systems	Digital System Design (DICA)	Digital Signal Processing	IPR & Patents	Pulse & Digital Circuits
INFORMATION TECHNOLOGY (12 - IT)	Data Communication (RT31052)	Advanced JAVA (RT31123)	Database Management Systems (RT31054)	Operating Systems (RT31055)	----	Software Engineering (RT31121)
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	Linear IC Applications	Design & Analysis of Algorithms	Computer Graphics	Management Science	IPR & Patents	Digital IC Applications
AERONAUTICAL ENGINEERING (21 - AE)	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)**
AUTOMOBILE ENGINEERING (AME-24)	Managerial Economics and Financial Analysis (RT31022)	Design of Machine Elements (RT31243)	Vehicle Transport Management	Heat Transfer	IPR & Patents	Dynamics of Machinery (RT31031)
MINING ENGINEERING (26-MM)	Managerial Economics and Financial Analysis	Mine Environment Engineering – I	Electrical Equipment in Mines	Mine Surveying-II	IPR & Patents	Under Ground Coal Mining Technology
PETROLEUM ENGINEERING (27-PE)	Well Logging & Formation Evaluation (RT31272)	Drilling Technology	Well Engineering (RT31274)	Process Dynamics & Control (RT31275)	----	Petroleum Exploration (RT31271)
AGRICULTURAL ENGINEERING (35-AGE)	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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

DATE: 29-08-2022

Controller of Examinations

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

DATE OF EXAMINATION: 13-09-2022 (Tuesday)		TIME OF EXAMIANTION: 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

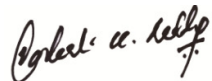| DATE OF EXAMINATION: 15-09-2022 (Thursday)		TIME OF EXAMIANTION: 10.00 AM TO 01.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01 - CE)	----	Structural Analysis – II (R1631013)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)		Power Electronics (R1631025)

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 EXAMIANTION: 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 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)**
CIVIL ENGINEERING (01- CE)	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)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	ELECTRICAL MEASUREMENT (R31022)	POWER SYSTEMS-II (R31023)	POWER ELECTRONICS (R31024)	ELECTRICAL MACHINES-III (R31025)	COMPLEX VARIABLEDS AND STATISTICAL METHODS (R31021)	LINEAR & DIGITAL IC APPLICATION (R31026)
MECHANICAL ENGINEERING (03 - ME)	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,AME) (R31031)	METAL CUTTING & MACHINE TOOLS (R31036)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	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)
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	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)**
CHEMICAL ENGINEERING (08 - CHEM)	PROCESS HEAT TRANSFER	CHEMICAL ENGINEERING THERMODYNAMICS-II	MASS TRANSFER OPERATIONS-I	CHEMICAL REACTION ENGINEERING-I	ORGANIC CHEMICAL TECHNOLOGY	PROCESS INSTRUMENTATION (COM.TO CHEM,PETROL)
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	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 COMMUNICATON
BIO-MEDICAL ENGINEERING (11 - BME)	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
INFORMATION TECHNOLOGY (12 - IT)	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)	OPERATIONG SYSTEMS (COM.TO.CSE,IT) (R31056)
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	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					
	13-09-2022 **(Tuesday)**	**15-09-2022** **(Thursday)**	**17-09-2022** **(Saturday)**	**20-09-2022** **(Tuesday)**	**22-09-2022** **(Thursday)**	**24-09-2022** **(Saturday)**
AERONUTICAL ENGINEERING (21 - AE)	FINITE ELEMENT AND MODELING METHODS	AERODYNAMICS-II	CAD/CAM	AEROSPACE PROPULSION-I	AEROSPACE VEHICLE STRUCTURES-I	FLIGHT MECHANICS-I
BIO-TECHNOLOGY (23 - BIO)	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
AUTO MOBILE ENGG. (AME-24)	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
MINING (26-MM)	ELECTRICAL EQUIPMENT IN MINES	UNDER GROUND COAL MINING TECHNOLOGY	MINE ENVIRONMENT ENGINEERING-I (R31264)	MINE DEVELOPMENT	MINE SURVEYING	MINE MECHANIZATION
PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)	DRILLING TECHNOLOGY	WELL LOGGING & FORMATION EVALUATION	PETROLEUM EXPLORATION	PROCESS DYNAMICS &CONTROL	PETROLEUM REFINERY & PETROCHEMICAL ENGINEERING	PROCESS INSTRUMENTATION (COM.TO CHEM,PETROL) (R31086)

NOTE:

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DATE: 29-08-2022

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)
CE (01)	Structural Analysis-II V3102 (R07)	---	---	---	---	---
EEE (02)	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)
ME (03)	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)	---	---	---
ECE (04)	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)

BRANCHES	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
CSE (05)	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 Algorithems 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)
EIE (10)	Management Science V3136 (R07)	---	---	---	---	---
IT (12)	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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iii. THE CANDIDATES ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED 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)

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

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

T I M E   T A B L E

TIME: 02.00 PM TO 05.00 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)
CIVIL ENGINEERING (01- CE)	Environmental Engineering – I RT32011	Geotechnical Engineering – II RT32012	Design and Drawing of Steel Structures RT32013	Water Resources Engineering–I RT32014	Transportation Engineering – II RT32015	**Open Elective**	-----
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	Microprocessors & Microcontrollers RT32021	Switchgear and Protection RT32022	Utilization of Electrical Energy RT32023	Power System Analysis RT32024	Management Science (comm to EEE and CHEM) RT32025	Power Semiconductor Drives RT32026	-----
MECHANICAL ENGINEERING (03 - ME)	Operations Research RT32031	Interactive Computer Graphics RT32032	Design of Machine Members– II RT32033	Robotics RT32034	Heat Transfer RT32035	Industrial Engineering Management RT32036	Refrigeration & Air Conditioning RT32037A
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Microprocessors and Microcontrollers (Com to ECE,EIE and E.Comp.E) RT32041	Digital Signal Processing RT32042	Digital Communications RT32043	Microwave Engineering RT32044	-----	**Open Elective**	-----
COMPUTER SCIENCE ENGINEERING (05 - CSE)	Software Engineering RT32051	Data Ware Housing and Mining (Comm to CSE,IT) RT32052	Computer Networks (Comm to CSE,IT) RT32053	Design and Analysis of Algorithms (Comm to CSE,IT) RT32054	Web Technologies (Comm to CSE,IT) RT32055	IPR and Patents (COMM TO CSE, IT, CHEM, PE)	-----

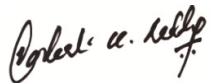| BRANCH	DATE AND DAY					
	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
CHEMICAL ENGINEERING (08 - CHEM)	Process Engineering Economics RT32081	Mass Transfer Operations – II RT32082	Chemical Reaction Engineering-II RT32083	Process Dynamics & Control RT32084	Management Science (comm to EEE and CHEM) RT32025	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E) RT32041	Analytical Instrumentation RT32102	Measuring Instruments RT32103	Process Instrumentation RT32104	-----	**Open Elective**
INFORMATION TECHNOLOGY (12 - IT)	Software Testing RT32121	Data Ware Housing and Mining (Comm to CSE,IT) RT32052	Computer Networks (Comm to CSE,IT) RT32053	Design and Analysis of Algorithms (Comm to CSE,IT) RT32054	Web Technologies (Comm to CSE,IT) RT32055	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E) RT32041	Data Base Management Systems RT32192	Computer Networks RT32193	VLSI Design RT32194	Operating Systems RT32195	**Open Elective**
AERONAUTICAL ENGINEERING (21 - AE)	Flight Mechanics –II RT32211	Aerospace Vehicle Structures –II RT32212	Aerospace Propulsion – II RT32213	Flight Vehicle Design RT32214	System Modeling And Simulation RT32215	**Departmental Elective**

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)**
AUTOMOBILE ENGINEERING (AME-24)	Machine Tools & Metrology RT32241	Instrumentation & Control Systems RT32242	Automotive Electrical and Autotronics RT32243	Alternative Energy sources for Automobiles RT32244	Product Design and Assembly Automation RT32245	**Departmental Elective**
MINING ENGINEERING (26-MM)	Mine Systems Engineering RT32261	Mineral Engineering & Fuel Technology RT32262	Mine Environmental Engineering-II RT32263	Mining Machinery RT32264	Under Ground Metal Mining Technology RT32265	**Departmental Elective**
PETROLEUM ENGINEERING (27-PE)	Well Completions RT32271	Petroleum Reservoir Engineering – I RT32272	Petroleum Production Engineering & Design RT32273	Petroleum Refinery & Petrochemical Engineering RT32274	Surface Production Operations RT32275	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
AGRICULTURAL ENGINEERING (35-AGE)	Irrigation and Drainage Engineering RT32351	Farm Machinery and Equipment – I RT32352	Design of Soil, Water Conservation and Farm Structures RT32353	Dairy and Food Engineering RT32354	Theory of Structures RT32355	**Open Elective**

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DATE: 29-08-2022
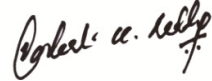
Controller of Examinations

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 22.09.2022 (Thursday)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	**SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS**	**RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS**
Mechanical Engineering	-------	Analog Communications PT32043

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DATE: 29-08-2022

Controller of Examinations

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 13-09-2022 (Tuesday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01-CE)		Design and Drawing of Steel Structures (R1632011)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)		Power Electronic Controllers & Drives (R1632021)

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 15-09-2022 (Thursday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01-CE)		Geotechnical Engineering – I (R1632012)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)		Micro Processors and Micro controllers (R1632023)

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 17-09-2022 (Saturday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01-CE)		Environmental Engineering – I (R1632013)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)		Data Structures (R1632024)

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 20-09-2022 (Tuesday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01-CE)		Water Resources Engineering–I (R1632014)

TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 24-09-2022 (Saturday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01-CE)		Waste Water Management - R163201D

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 INCLUED IN THE ABOVE LIST
         IMMEDIATELY.

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH II SEMESTER (R10) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

T I M E   T A B L E

TIME: 02.00 PM TO 05.00 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)**
CIVIL ENGINEERING (01- CE)	GEOTECHNICAL ENGINEERING - I (R32011)	WATER AND WASTEWATER ENGINEERING (R32012)	DESIGN & DRAWING OF STEEL STRUCTURES (R32013)	WATER RESOURCES ENGINEERING-II (R32014)	DESIGN & DRAWING OF CONCRETE STRUCTURES -II (R32015)	TRANSPORTATION ENGINEERING-II (R32016)
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	ELECTRICAL MACHINE DESIGN (R32021)	POWER SYSTEM ANALYSIS (R32022)	UTILIZATION OF ELECTRICAL ENERGY (R32023)	MICROPROCESSORS AND MICROCONTROLLERS (R32024)	POWER SEMICONDUCTOR DRIVES (R32025)	MANAGEMENT SCIENCE(com to ECE,CSE,CHEM,EIE, BME,IT,) (R32026)
MECHANICAL ENGINEERING (03 - ME)	METROLOGY (R32031)	ROBOTICS (R32032)	HEAT TRANSFER (R32033)	INSTRUMENTATION & CONTROL SYSTEMS (R32034)	DESIGN OF MACHINE MEMBERS– II (R32035)	INDUSTRIAL ENGG. & MANAGEMENT (R32036)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	COMPUTER NETWORKS (Common to ECM) (R32041)	MICROWAVE ENGINEERING (R32042)	DIGITAL SIGNAL PROCESSING (Common to ECM) (R32043)	MICRO PROCESSORS AND MICRO CONTROLLERS (Common to ECM,BMI,EIE) (R32044)	VLSI DESIGN (Common to ECM,EIE) (R32045)	MANAGEMENT SCIENCE (com to EEE,CSE,CHEM,EIE,,B ME,IT,) (R32026)
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	Advanced COMPUTER NETWORKS (R32051)	COMPUTER ARCHITECTURE (R32052)	DESIGN AND ANALYSIS OF ALGORITHMS (R32053)	UNIX PROGRAMMING (R32054)	ADVANCED JAVA AND WEB TECHNOLOGIES (R32055)	MANAGEMENT SCIENCE(com to EEE,ECE,,CHEM,EIE,,B ME,IT,)

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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)**
CHEMICAL ENGINEERING (08 - CHEM)	PROCESS ENGINEERING ECONOMICS (R32081)	PROCESS DYNAMICS AND CONTROL (R32082)	BIOCHEMICAL ENGINEERING (R32083)	MASS TRANSFER OPERATIONS-II (R32084)	CHEMICAL REACTION ENGINEERING – II (R32085)	MANAGEMENT SCIENCE (Com to EEE,ECE,CSE,,EIE,,BME,IT,)
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	DATA ACQUISITION SYATEMS (R32101)	BIO-MEDICAL INSTRUMENTATION (R32102)	ANALYTICAL INSTRUMENTATION (R32103)	MICROPROCESSORS AND MICROCONTROLLERS (com to ECE,BMI,ECM)	VLSI DESIGN (Common to ECM)	MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,,BME,IT,)
BIO-MEDICAL ENGINEERING (11 - BME)	BIOLOGICAL CONTROL SYSTEMS (R32111)	LASERS AND FIBRE OPTICS IN MEDICINE (R32112)	BIO MEDICAL SIGNAL PROCESSING (R32113)	MICRO PROCESSORS AND MICRO CONTROLLERS(com to ECE,ECM,BME)	MEDICAL IMAGING TECHNIQUES (R32115)	MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,EIE,,,IT,)
INFORMATION TECHNOLOGY (12 - IT)	Advanced COMPUTER NETWORKS (R32051)	ADVANCED JAVA PROGRAMMING (R32122)	DESIGN AND ANALYSIS OF ALGORITHMS (R32053)	UNIX PROGRAMMING (R32054)	OBJECT ORIENTED ANALYSIS AND DESIGN (R32125)	MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,EIE,,BME,,) (R32026)
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	COMPUTER NETWORKS (Common to ECE)	DATABASE MANAGEMENT SYSTEMS (R32192)	DIGITAL SIGNAL PROCESSING (Common to ECE)	MICROPROCESSORS AND MICROCONTROLLERS (Common to ECE,EIE,BME)	VLSI DESIGN (Common to ECE,EIE,)	OPERATING SYSTEMS (R32196)

PAGE-3

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)**
AERONUTICAL ENGINEERING (21 - AE)	FLIGHT MECHANICS-II (R32211)	AEROSPACE VEHICLE STRUCTURES –II (R32212)	AEROSPACE PROPULSION – II (R32213)	FLIGHT VEHICLE DESIGN (R32214)	SYSTEM MODELING AND SIMULATION (R32215)	INTRODUCTION TO SPACE TECHNOLOGY (R32216)
BIO-TECHNOLOGY (23 - BIO)	BIOCHEMICAL REACTION ENGINEERING –II (R32231)	BIOINFORMATICS (R32232)	TRANSPORT PHENOMENA IN BIOPROCESSES (R32233)	INSTRUMENTATION AND BIOPROCESSCONTROL (R32234)	IMMUNOLOGY (R32235)	PROBABILITY AND STATISTICS (R32236)
AUTO MOBILE ENGG. (AME-24)	MACHINE TOOLS & METROLOGY (R32241)	VEHICLE TRANSPORT MANAGEMENT (R32242)	AUTOMOTIVE ELECTRICAL AND AUTOTRONICS (R32243)	INSTRUMENTATION & CONTROL SYSTEMS (Common with ME)	AUTOMOTIVE CHASSIS & SUSPENSION (R32245)	PRODUCT DESIGN AND ASSEMBLY AUTOMATION (R32246)
MINING (26-MM)	MINE SYSTEMS ENGINEERING (R32261)	MINERAL ENGINEERING & FUEL TECHNOLOGY (R32262)	MINE ENVIRONMENT ENGINEERING – II (R32263)	MINING MACHINERY (R32264)	UNDERGROUND METAL MINING TECHNOLOGY (R32265)	INDUSTRIAL MANAGEMENT (R32266)
PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)	WELL COMPLETIONS & TESTING (R32271)	PETROLEUM RESERVOIR ENGINEERING (R32272)	PETROLEUM PRODUCTION ENGINEERING (R32273)	NATURAL GAS ENGINEERING (R32274)	SURFACE PRODUCTION OPERATIONS (R32275)	PETROLEUM INDUSTRY: MANAGEMENT, STRATEGY AND FINANCE (R32276)

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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA
III B.TECH II SEMESTER (RR, NR, R05, R07) - SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER – 2022

T I M E   T A B L E

T I M E: 02.00 PM TO 05.00 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)
EEE (02)	Instrumentation E0203 **(RR)** Management Science Q0202 **(R05)** (Comm to EEE,ECE)	Microprocessors And Interfacing E9901 **(RR)** (Comm To EEE, ECE) Digital Signal Processing Q0201 **(R05)** (Comm to EEE,ECE) Instrumentation V3209 **(R07)**	Switchgear & Protection P0203 **(R05)** Digital Signal Processing V3218 **(R07)**	Microprocessor & Micro Cont. P0201 **(R05)** Micro Processors And Micro Controllers V3207 **(R07)**	Instrumentation P0202 **(R05)** Management Science V3208 **(R07)** (Comm to EEE,ECE)	High Voltage Engg. P0204 **(R05)** VLSI Design V3219 **(R07)** (Common to EEE,ECE)
ME (03)	Thermal Engineering- II V3216 **(R07)**	---	Heat Transfer Q0304 **(R05)** Metrology And Surface Engineering V3213 **(R07)**	Metrology & Surface Engineering P0301 **(R05)**	Dynamics of Machinery Q0302 **(R05)**	---
ECE (04)	Microwave Engg. Q0403 **(R05)** Management Science Q0202 **(R05)** (Comm to CE,ECE) Telecommunication Switching Systems V3217 **(R07)**	Digital Signal Processing Q0201 **(R05)** (Comm to EEE,ECE) Micro Processors And Interfacing V3221 **(R07)** (Common to ECE,EIE)	VLSI Design Q0402 **(R05)** Digital Signal Processing V3218 **(R07)**	VLSI Design E9907 **(RR)** Microprocessors & Interfacing Q0404 **(R05)**	Microwave Engineering V3220 **(R07)** Management Science V3208 **(R07)** (Comm to EEE,ECE)	VLSI Design V3219 **(R07)** (Comm to EEE,ECE)
CSE (05)	Computer Networks E9908 **(RR)** Computer Graphics E0501 **(RR)** Information Security P0503 **(R05)** Neural Networks P0504 **(R05)** Operating Systems V3222 **(R07)**	Language Processors E0502 **(RR)** Compiler Design V3223 **(R07)**	Management Science E9902 **(RR)** Software Testing Methodologies Q0502 **(R05)** Computer Networks V3224 **(R07)** (Common to CSE, IT)	Advanced Computer Architecture E9909 **(RR)** Information Security V3225 **(R07)**	Advanced Unix Programming E9910 **(RR)** (Comm to CSE,IT) Artificial Intelligence And Neural Networks V3226 **(R07)**	Object Oriented Analysis And Design V3227 **(R07)** (Comm to CSE,IT)

BRANCHES	13-09-2022 (Tuesday)	15-09-2022 (Thursday)	17-09-2022 (Saturday)	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)
EIE (10)	---	Microprocessors And Interfacing E9901 (RR) Micro Processors And Interfacing V3221 (R07) (Common to ECE,EIE)	Automation Of Industrial Process V3233 (R07)	Opto-Electronic And Laser Instrumentation V3235 (R07)	---	---
IT (12)	Web Technologies V3241 (R07)	E-Commerce V3242 (R07) Middleware Technologies V3243 (R07)	Computer Networks V3224 (R07) (Common to CSE, IT)	Advanced Computer Architecture E9909 (RR)	Advanced Unix Programming E9910 (RR) (Comm to CSE,IT)	Object Oriented Analysis And Design V3227 (R07) (Common to CSE,IT) Data Warehousing And Data Mining V3244 (R07)
BIO-TECHNOLOGY (23)	---	---	---	---	---	Probability And Statistics V3263 (R07)

NOTE i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMEDIATELY.(0884-2300907)
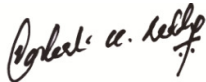
ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

iii. THE CANDIDATES ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED 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)

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R13) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

T I M E T A B L E

TIME: 10.00 AM TO 01.00 PM

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Civil Engineering (01)	Environmental Engineering – II (**RT41011**)	Prestressed Concrete (**RT41012**)	Construction Technology and Management (**RT41013**)	Water Resource Engineering - II (**RT41014**)	Remote Sensing and GIS Applications (**RT41015**)	Elective-I: Ground Improvement Techniques (**RT41016**)/ Air Pollution and Control (**RT41017**)/ Matrix methods of Structural Analysis (**RT41018**)/ Urbon Hydrology (**RT41019**)/ Advanced Surveying (**RT4101A**)/ Interior Designs and Decoriations (**RT4101B**)
Electronics & Communication Engineering (04)	VLSI Design (**RT41041**) (Common to ECE, EIE)	Computer Networks (**RT41042**)	Digital Image Processing (**RT41043**) (Common to ECE/EIE/ECC)	Computer Architecture & Organization (**RT41044**) (Common to ECE/EIE)	Elective-I:Electronic Switching Systems (**RT41045**)/Analog IC Design (**RT41046**) (Common to ECE/EIE)/Radar Systems (**RT41048**)/Advanced Computer Architecture (**RT41049**) (Common to ECE/ECC)/Object Oriented Programming & OS (**RT41047**)	Elective-II:Optical Communication (**RT4104A**)/Digital IC Design (**RT4104B**)/Speech Processing (**RT4104C**)/Network Security & Cryptography) (**RT4104E**)/Artificial Neural Network & Fuzzy Logic (**RT4104D**)
Computer Science & Engineering (05)	Cryptography and Network Security (**RT41051**) (Common to CSE/IT)	UML & Design Patterns (**RT41052**) (Common to CSE/IT)	Mobile Computing (**RT41053**) (Common to CSE/IT)	Elective-II: Digital Forensics (**RT4105A**)/ Hadoop and Big Data (**RT4105B**) (Common to CSE/IT)/ Software Project Management (**RT4105C**) (Common to CSE/IT)/ Machine Learning (**RT4105D**)/ Advanced Databases (**RT4105E**) (Common to CSE/IT)	Elective-I:Software Testing Methodologies (**RT41054**)/ Simulation Modeling (**RT41055**)/ Information Retrieval Systems (**RT41056**) (Common to CSE/IT)/ Artificial Intelligence (**RT41057**) (Common to CSE/ECC)/ Multimedia Computing (**RT41058**) (Common to CSE/IT)/ High Performance Computing (**RT41059**)	---

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Electronics & Instrumentation Engineering (10)	VLSI Design **(RT41041)** (Common to ECE/EIE)	Management Science **(RT41102)**	Elective-II: Mixed Signal Design **(RT41106)**/ Robotics & Automation **(RT41107)**/ EMI/EMC (RT41108)/ Digital Image Processing **(RT41043)** (Common to ECE/EIE/ECC) /Object Oriented Programming & OS **(RT41047)**	Computer Architecture & Organization **(RT41044)** (Common to ECE/EIE)	Elective-I:Quality and reliability Engineering Systems **(RT41103)**/Analog IC Design **(RT41046)** (Common to ECE/EIE)/ Digital Control Systems **(RT41104)/** Bio medical Instrumentation **(RT41105)**/Artificial Neural Network & Fuzzy Logic **(RT41109)**	Data Acquisition Systems **(RT41101)**
Information Technology (12)	Cryptography and Network Security (RT41051) (Common to CSE/IT)	UML & Design Patterns (RT41052) (Common to CSE/IT)	Mobile Computing (RT41053) (Common to CSE/IT)	Elective-II: Hadoop and Big Data (RT4105B)(Common to CSE/IT)/ Software Project Management (RT4105C) (Common to CSE/IT)/ Computer Vision (RT41122)/ Advanced Databases (RT4105E)(Common to CSE/IT)	Elective-I: Embedded and Real Time Systems (RT41121)/ Information Retrieval Systems (RT41056) (Common to CSE/IT)/ Multimedia Computing (RT41058) (Common to CSE/IT)	---
Electronics & Computer Engineering (19)	Systems Programming **(RT41191)**	Digital Signal Processing **(RT41192)**	Digital Image Processing **(RT41043)** (Common to ECE/EIE/ECC)	Unix Programming **(RT41193)**	Elective-I: Artificial Intelligence **(RT41057)** (Common to CSE/ECC), Advanced Computer Architecture **(RT41049)**(Common to ECE/ECC), Data Communication **(RT41194)**	Elective-II:Web Design **(RT41195)**, Fuzzy Logic and Neural Networks **(RT41196)**, Structured Digital Design **(RT41197)**
Agricultural Engineering (35)	Micro Irrigation Engineering **(RT41351)**	Farm Machinery and Equipments - II **(RT41352)**	Post Harvest Engineering for Horticulture Produce **(RT41353)**	Mechanical Measurements and Instrumentation **(RT41354)**	Elective-I: Seed Processing and Storage Engineering **(RT41355),** Managerial Economic & Financial Analysis **(RT41356),** Food Processing Plant Design and Layout **(RT41357)**	Elective - II: Watershed Management **(RT41358),** Food Packaging Technology **(RT41359),** Computational Fluid Dynamics **(RT4135A)**

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Electrical & Electronics Engineering (02)	Renewable Energy sources and Systems **(RT41021)**	HVAC & DC Transmission **(RT41022)**	Power Systems Operation & Control **(RT41023)**	Elective -I: VLSI Design **(RT41028)**/Electrical Distribution Systems **(RT41029)**/Optimization Techniques **(RT4102A)**	---	**OPEN ELECTIVES:** Energy Audit, Conservation and Management **(RT41024)**/ Instrumentation **(RT41025)**/ Non Conventional Sources of Energy **(RT41026)** (Except EEE)/ Optimization Techniques **(RT41027)** (Except EEE), MEMS **(RT41035)**/ Nano Technology **(RT41036)**, Industrial Pollution Control Engineering **(RT41085)**/ Design and Analysis of Experiments **(RT41086)**/ Green Fuel Technologies **(RT41087)** , Airport Management **(RT41214)**, Automotive Pollution & Control **(RT41245)**, Advanced Materials **(RT41246)**, Industrial Hydraulic & Pneumatics **(RT41247)**, Industrial Robotics **(RT41265)**, Environmental Impact Assessment **(RT41266)**, Numerical Methods **(RT41267)**, Fundamentals of Petroleum Industry **(RT41275)**, , Energy Management (RT41276)
Mechanical Engineering (03)	Automobile Engineering **(RT41031)**	CAD/CAM **(RT41032)** (Common to ME/AME)	Unconventional Machining Processes **(RT41034)**	Finite Element Methods **(RT41033)** (Common to ME/AE/AME)	Departmental Elective - II: Material Characterization Techniques **(RT41037)**/Design for Manufacture **(RT41038)**/Automation in Manufacturing **(RT41039)**/Industrial Hydraulics & Pneumatics **(RT4103A),** Advanced Computer Aided Engineering **(RT4103B)** (Under MOOCS)	
Chemical Engineering (08)	Transport Phenomena **(RT41081)**	Chemical Engineering Plant Design **(RT41082)**	Process Modelling and Simulation **(RT41083)**	Biochemical Engineering **(RT41084)**	Elective-I: Advanced Separation Technology **(RT41088)**/Nanotechnology **(RT41089)**/Polymer Technology **(RT4108A)**	
Aeronautical Engineering (21)	Vibrations and Structural Dynamics **(RT41211)**	Elective- II: Analysis of Composite Structure **(RT41215),** Air Line Management **(RT41216)**, Helicopter Engineering **(RT41217),** Quality and Reliability Engineering **(RT41218)**	Avionics **(RT41213)**	Finite Element Methods **(RT41033)** (Common to ME/AE/AME)	Computational Fluid Dynamics **(RT41212)** (Common to AE/AME)	

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Automobile Engineering (24)	Vehicle Dynamics **(RT41244)**	CAD/CAM **(RT41032)** (Comm to ME/AME)	Automotive Chassis & Suspension **(RT41248)**	Finite Element Methods **(RT41033)** (Common to ME/AE/AME)	Elective-II: Micro Processors & Micro Controllers **(RT41241)**, Computational Fluid Dynamics **(RT41212)**(Common to AE/AME),Operation Research **(RT41242)**,Condition Monitoring (RT41243)	OPEN ELECTIVES: Energy Audit, Conservation and Management **(RT41024)**/ Instrumentation **(RT41025)**/ Non Conventional Sources of Energy **(RT41026)** (Except EEE)/ Optimization Techniques **(RT41027)** (Except EEE), MEMS **(RT41035)**/ Nano Technology **(RT41036)**, Industrial Pollution Control Engineering **(RT41085)**/ Design and Analysis of Experiments **(RT41086)**/ Green Fuel Technologies **(RT41087)** , Airport Management **(RT41214)**, Automotive Pollution & Control **(RT41245)**, Advanced Materials **(RT41246)**, Industrial Hydraulic & Pneumatics **(RT41247)**, Industrial Robotics **(RT41265)**, Environmental Impact Assessment **(RT41266)**, Numerical Methods **(RT41267)**, Fundamentals of Petroleum Industry **(RT41275)**, , Energy Management (RT41276) Green Technologies (RT41016F)
Mining Engineering (26)	Mine Economics **(RT41261)**	Computer Applications in Mining **(RT41262)**	Rock Mechanics & Ground Control **(RT41263)**	Mine Legislation & General Safety **(RT41264)**	Industrical Engineering & Management **(RT41268)**	
Petroleum Engineering (27)	Integrated Asset Management **(RT41271)**	Enhanced Oil Recovery Techniques **(RT41272)**	HSE & FE in Petroleum Industry **(RT41273)**	Petroleum Reservoir Engineering - II **(RT41274)**	Elective-I: Offshore Engineering **(RT41277)**, Pipeline Engineering **(RT41278)**, Coal Bed Methane Engineering **(RT41279)**	

NOTE:

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iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED IN THE ABOVE LIST IMMEDIATELY.

Date :   29.08.2022

Controller of Examinations

TIME TABLE OF IV B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS

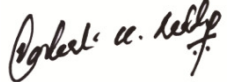| DATE OF EXAMINATION: 23-09-2022 (Friday)		TIME OF EXAMIANTION: 10.00 AM TO 01.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
ELECTRONICS AND COMMUNICATION ENGINEERING (04 – ECE)	VLSI Design (RT41041)	**Elective - I** 1.Electronic Switching Systems (PT41042)
		2. Analog IC Design (PT41043)
		3. Object Oriented Programming & O S (PT41044)
		4. Radar Systems (PT41045)
		5. Advanced Computer Architecture (PT41046)
		6. Data Structures (PT4104C)

TIME TABLE OF IV B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R07 TO R13 REGULATIONS

DATE OF EXAMINATION: 21-09-2022 (Wednesday)		TIME OF EXAMIANTION: 10.00 AM TO 01.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
ELECTRONICS AND COMMUNICATION ENGINEERING (04 – ECE)	VLSI Design (RT41041)	**Elective - I** 1.Bio-Medical Engineering (PT41041)
		2.Electronic Switching Systems (PT41042)
		3. Analog IC Design (PT41043)
		4. Object Oriented Programming & O S (PT41044)
		5. Radar Systems (PT41045)
		6. Advanced Computer Architecture (PT41046)

NOTE:

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Controller of Examinations

DATE: 29-08-2022

TIME TABLE OF IV B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 23-09-2022 (Friday)		TIME OF EXAMIANTION: 10.00 AM TO 01.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01 - CE)	Water Resources Engineering-II (RT41014)	Industrial Water and Waste Water Management (PT41012)
MECHANICAL ENGINEERING (03 – ME)	Finite Element Methods (RT41033)	Refrigeration and Air Conditioning (PT41032) OR Instrumentation & Control Systems (PT41031)
ELECTRONICS AND COMMUNICATION ENGINEERING (04 – ECE)	Computer Architecture and Organization (RT41044)	**Elective - I** 1.Electronic Switching Systems (QT41042)
		2. Analog IC Design (QT41043)
		3. Object Oriented Programming & O S (QT41044)
		4. Radar Systems (QT41045)
		5. Advanced Computer Architecture (QT41046)
		Elective - II 1.Optical Communication (QT41047)
		2. Digital IC Design (QT41048)
		3. Speech Processing (QT41049)
		4. Artificial Neural Network & Fuzzy Logic (QT4104A)
		5. Network Security & Cryptography (QT4104B)

TIME TABLE OF IV B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM 13 TO R16 REGULATIONS

DATE OF EXAMINATION: 23-09-2022 (Friday)		TIME OF EXAMIANTION: 10.00 AM TO 01.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
ELECTRICAL & ELECTRONICS ENGINEERING (02)	----	Utilization of Electrical Energy (R1641021)

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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R10) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

T I M E   T A B L E

TIMING: 10.00 AM TO 01.00 PM

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Civil Engineering (01)	Geotechnical Engineering - II (R41011)	Design & Drawing of Irrigation Structures (R41012)	Environmental Engineering (R41013)	Remote Sensing and GIS Applications (R41014)	Earthquake Resistant Design (R41015), Ground Improvement Techniques (R41016), Urban Transportation Planning (R41017)	**OPEN ELECTIVES** Air Pollution and Control (R41018), Disaster Management (R41019), Industrial Water & waste Water Management (R4101A), Architecture and Town Planning (R4101B), Energy Audit, Conservation and Management (R41025), Instrumentation (R41026), Non Conventional Sources of Energy (R41027)(except EEE branch students), Optimization Techniques (R41028)(except EEE branch students), MEMS (R41035), Industrial Robotics (R41036)(Except for Mechanical Students),
Electrical & Electronics Engineering (02)	Computer Organization (R41021)	High Voltage Engineering (R41022)	Switch Gear & Protection (R41023)	Power System Operation & Control (R41024)	VLSI Design (R41029), Electrical Distribution Systems (R4102A) , Optimization Techniques (R4102B)	
Mechanical Engineering (03)	Refrigeration & Air Conditioning (R41031)	CAD/CAM (R41032) (Common to ME/AME)	Alternative Sources of Energy(R41033)	Unconventional Machining Processes(R41034)	Automobile Engineering (R41037), Computational Fluid Dynamics (R41038), Condition Monitoring (R41039), Rapid Prototyping (R4103A)	
Electronics & Communication Engineering (04)	OPTICAL COMMUNICATIONS (R41041)	EMBEDDED SYSTEMS (R41042) (Common to ECE/ECC)	DIGITAL IMAGE PROCESSING (R41043) (Common to ECE/ECC)	RADAR SYSTEMS (R41044)	TELECOMMUNICATION SWITCHING SYSTEMS (R41045), ANALOG IC DESIGN (R41046), OBJECT ORIENTED PROGRAMMING (R41047) (Common to ECE/Bio-Medical)	

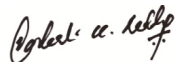| Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Computer Science & Engineering (05)	Cryptography and Network Security(R41051) (Common to CSE/IT)	UML & Design Patterns (R41052)	Data Ware Housing and Data Mining(R41053) (Common to CSE/IT)	Mobile Computing(R41054) (Common to CSE/IT)	Computer Forensics(R41059), Cloud Computing(R4105A), Software Project Management(R4105B), Machine Learning(R4105C), Distributed Databases(R4105D) Big Data Analytics (MOOCs) R4105G	Bio-Medical Engineering (R41048)(Common to ECE/Bio-Medical), Image Processing (R41049) (Except ECE and Bio-Medical Engg students)(Common to ECE/Bio-Medical), Principales of Signals, Systems and Communications (R4104A)(Except ECE Students), Matlab (R41055)(Except CSE, IT, ECE, EEE Students), Web Services (R41056) (Except CSE, IT Students), Open Source Software (R41057), Cyber Laws (R41058), Industrial Pollution Control Engineering (R41085)(Except Chemical students), Design and Analysis of Experiments (R41086)(Except Chemical Students), Green Fuel Technologies (R41087)(Except Chemical and petroleun Engg students), Avionics (R41215) Industrial Engineering and Management (R41216)
Chemical Engineering (08)	Transport Phenomena (R41081) (Common to CHE/PE)	Plant Design for Chemical Engineers (R41082)	Process Modelling and Simulation (R41083)	Computational Methods in Chemical Engineering (R41084)	Industrial Biotechnology (R41088) , Nanotechnology (R41089), Polymer Technology (R4108A)	
Electronics & Instrumentation Engineering (10)	Computer Networks(R41105) (Common to EIE/Bio-Medical), Power Plant Instrumentation(R41106) , Embedded and Real Time Systems(R41107)	Digital Signal Processing (R41102)	Process Control Instrumentation (R41103)	Automation of Industrial Processes (R41101)	P C Based Instrumentation (R41104)	
Bio Medical Engineering	Computer Networks (R41105) (Common to EIE/Bio-Medical)	Image Processing (R41113) (Only for Bio-Medical Engg Students)	Artificial Neural Networks (R41112)	Rehabilitation Engineering (R41114)	Operating Systems(R41116), Telemedicine(R41117) , OBJECT ORIENTED PROGRAMMING (R41047) (Common to ECE/Bio-Medical)	

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Information Technology (12)	Cryptography and Network Security (R41051) (Common to CSE/IT)	Design Patterns (R41121)	Data Ware Housing and Data Mining (R41053) (Commom to IT/CSE)	Mobile Computing (R41054) (Common to IT/ CSE)	Information Retrieval Systems (R41126), Parallel Computing(R41127), Distributed Systems(R41128), Artificial Intelligence (R41129) (Common to IT/EcomE), Computer Architecture (R4112A)	(Except Mechanical and Mining students), Bioinformatics (R41235)(Except Biotech students), Biosensors and Bioelectronics (R41236)(Except Biotech students), Nano Biotechnology (R41237)(Except Bio tech students), Bio Ethics, Bio Safety, Clinial and Regulatory Affairs (R41238)(Except Biotech students), Basic industrial and environmental Biotechnology (R41239)(Except biotech students), Automotive Pollution and Control (R41244)(Except for Automobile branch students), Environmental Impact Assessment (R41266)(Except Civil Engg Students), Fundamentals of Petroleum industry (R41274) (Except Petroleun Engg students), Energy Management (R41276)(Except Petroleum Engineering students)
Electronics & Computer Engineering (19)	Unix Programming (R41193)	Embedded Systems (R41042) (Common to ECE/ECC)	Digital Image Processing (R41043) (Common to ECE/ECC)	Systems Programming (R41191)	Artificial Intelligence (R41129) (Common to IT/EcomE), Advanced Computer Architecture(R41195) , Data Communication (R41196)	
Aeronoltical Engineering (21)	Vibrations and Structural Dynamics (R41211)	Computational Aero Dynamics (R41212)	Airport Management (R41214)	Structural Analysis and Detailed Design (R41213)	Experimental Stress Analysis (R41217), Analysis of Composites Structure (R41218), Space Mechanics (R41219)	
Bio Technology	Computational Molecular Biology (R41231)	Bio Ethics, Bio Safety, Clinical and Regulatory Affairs (R41232)	Downstream Processing (R41233)	Biosensors and Bioelectronics (R41234)(Only for Bio Tech Students)	Biomaterials Science and Technology (R4123A), Cell Signaling (R4123B), Structural Biology (R4123C), Cancer Biology (R4123D)	

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
Automobile Engineering (24)	Vehicle Maintenance (R41241)	CAD/CAM (R41032) (Common to ME/AME)	Vehicle Dynamics(R41242)	Automotive Safety (R41243)	Vehicle Body Engg. & Safety (R41245), Alternative Energy sources for Automobiles (R41246), Robotics (R41247)	
Mining Engineering (26)	Mine Economics (R41261)	Computer Applications in Mining (R41262)	Rock Mechanics & Ground Control (R41263)	Mine Legislation & General Safety (R41264)	Rock Slope Engineering(R41267), Mine Subsidence Engineering(R41268), Rock Fragmentation Engineering(R41269)	……
Petroleum Engineering (27)	Transport Phenomena (R41081) (Common to CHE/PE)	Enhanced Oil Recovery Techniques (R41271)	Oil & Gas Processing Plant Design (R41272)	HSE & FF in Petroleum Industry(R41273)	Offshore Engineering (R41277), Pipeline Engineering (R41278), Coal Bed Methane Engineering (R41279)	

NOTE:

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DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (OR, 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					
	12-09-2022 (Monday)	**14-09-2022 (Wednesday)**	**16-09-2022 (Friday)**	**19-09-2022 (Monday)**	**21-09-2022 (Wednesday)**	**23-09-2022 (Friday)**
CE (01)	Foundation Engineering M0101 **(R05)**	Finite Element Methods In Civil Engg. - M0102 **(R05)**	Finite Element Methods In Civil Engineering M0122 **(R07)**	Geotechnical Engineering-II M0121 **(R07)**	---	---
EEE (02)	H V Engineering F0207 **(RR)** Power Semiconductor Drives - M0201 **(R05)** Power Semiconductor Drives M0221 **(R07)**	Power Semiconductor Drives - B4101 **(NR)** Power System Analysis - M0202 **(R05)** Power System Analysis M0222 **(R07)**	Digital Signal Processing FF001 **(NR)** Advanced Control Systems M0204 **(R05)** Neural Networks And Fuzzy Logic N0221 **(R07)**	Neural Networks & Fuzzy Logic N0201 – **(R05)** Power System Operation And Control M0223 **(R07)**	Non-Conventional Sources Of Energy N0202 – **(R05)** HVDC Transmission M0224 **(R07)**	Database Management Systems-L0202 **(R05)** EHV AC Transmission M0225 **(R07)**
ME (03)	Operations Research - F9901 **(RR)** Instrumentation & Control Systems - N0304 **(R05)** Mechatronics - N0303 **(R05)** Operations Research M0321 **(R07)**	Instrumentation & Control Systems N0304 – **(R05)** Database Management Systems N0321 **(R07)**	Operations Research - N0301 – **(R05)**	CAD/CAM N0302 – **(R05)**	Non-Conventional Sources Of Energy N0202 – **(R05)**	---
ECE (04)	Satellite Communications F9911 **(RR)** Operating Systems – F0401 **(RR)** Electronic Measurements & Inst. - M0401 **(R05)** Electronic Measurements & Instrumentation **M0421 (R07)**	Electronic Meas & Instrumentation D0456 **(OR)** Computer Networks – F9908 **(RR)** Television Engineering M0402 **(R05)** Computer Networks N0421 **(R07)**	Digital Image Processing - F9912 **(RR)** Digital Image Processing M0403 **(R05)** Micro Controllers & Applications - N0404 **(R05)** Cellular And Mobile Communications N0422 **(R07)**	Computer Networks N0401 **(R05)** Computer Networks N0401 **(R07)** Operating Systems N0424 **(R07)** Micro Controllers And Applications N0423 **(R07)**	Optical Communications N0402 **(R05)** Digital Image Processing M0424 **(R07)**	Radar Systems N0403 **(R05)** Television Engineering M0423 **(R07)** Radar Systems M0422 **(R07)**

BRANCHES	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
CSE (05)	Network Security & Cryptography F0503 (RR) Mobile Computing - N0504 (R05) Mobile Computing N0523 (R07)	Web Technologies M0501 (R05) Data Warehousing And Data Mining M0522 (R07) Embedded Systems N0522 (R07) (Comm to CSE, IT)	Data Warehousing & Data Mining M0502 (R05) Advanced Computer Architecture M0523 (R07) Mobile Computing N0523 (R07) (Comm to CSE, IT)	Software Project Management N0502 (R05) Network Programming N0521 (R07) (Comm to CSE, IT)	Embedded Systems N0501 (R05) Web Technologies M0521 (R07)	Client Server Computing - M0504 (R05)
IT (12)	Network Programming N0521 (R07) (Comm to CSE, IT) Information Retrieval Systems M1221 (R07)	Artificial Intelligence F1204 (RR) Embedded Systems N0522 (R07) (Comm to CSE, IT)	Client Server Computing G1203 (RR) Mobile Computing N0523 (R07) (Comm to CSE, IT)	Cellular & Mobile Comn. G9907 (RR) Multimedia And Application Development N0524 (R07) Network Programming N0521 (R07) (Comm to CSE, IT)	Software Project Management N0525 (R07)	------

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  iii. THE CANDIDATES ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED 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)

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH II SEMESTER (R13) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

T I M E T A B L E

TIME: 02.00 PM TO 5.00 PM

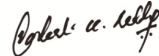| Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Civil Engineering (01)	Estimating, Specifications & Contracts (RT42011)	**Elective-II**: Engineering with Geo-synthetics (RT42012A)/ Environmental Impact Assessment and Management (RT42012B)/ Advanced Structural Engineering (RT42012C)/ Ground Water Development and Management (RT42012D)/ Traffic Engineering (RT42012E)/ Infrastructure Management (RT42012F)	**Elective-III:** Advanced foundation Engineering (RT42013A)/ Solid waste Management (RT42013B)/ Earthquake Resistant Design (RT42013C)/ Water Shed Management (RT42013D)/ Pavement Analysis and Design (RT42013E)/ Green Buildings (RT42013F)	**Elective-IV:** Soil Dynamics and Machine Foundations (RT42014A)/ Environmental and Industrial Hygiene(RT42014B)/ Repair and Rehabilitation of Structures(RT42014C)/ Water Resources System Planning and Management (RT42014D)/ Urban Transportation Planning (RT42014E)/ Safety Engineering (RT42014F)/ Bridge Engineering (RT42014G)
Electrical and Electronics Engineering (02)	Digital Control Systems (RT42021)	**Elective-II:**Advanced Control Systems (RT42022A) High Voltage Engineering (RT42022B) Special Electrical Machines (RT42022C)	**Elective-III:** Electric Power Quality (RT42023A)/ Digital Signal Processing (RT42023B)/ FACTS: Flexible Alternating Current Transmission Systems (RT42023C)	**Elective-IV:** OOPS Through Java(RT42024A)/ UNIX and Shell Programming (RT42024B)/ AI Techniques (RT42024C)/ Power System Reforms (RT42024D)/ Systems Engineering (RT42024E)
Mechanical Engineering (03)	Production Planning and Control (RT42031) *(Common to ME, Mining)*	Green Engineering Systems (RT42032)	**Elective-III:** Experimental Stress Analysis (RT42033A) *(Common to ME,AME)/* Mechatronics (RT42033B)/ Advanced Materials (RT42033C)/ Power Plant Engineering(RT42033D)	**Elective-IV:** Non Destructive Evaluation(RT42034A)/ Advanced Optimization Techniques(RT42034B)/ Gas Dynamics & Jet Propulsion(RT42034C)/ Quality and Reliability Engineering (RT42034D)
Electronics and Communication Engineering (04)	Cellular Mobile Communication (RT42041)	Electronic Measurements and Instrumentation (RT42042)	**Elective-III:** Satellite Communication (RT42043A)/ Mixed signal Design (RT42043B)/ Embedded systems (RT42043C) *(Common to ECE,EIE&ECC)* RF Circuit Design (RT42043D) Cloud Computing (RT42043E) *(Common to ECE,CSE)*	**Elective-IV:** Wireless Sensors and Networks (RT42044A) *(Common to ECE,EIE&ECC)* System on Chip (RT42044B) *(Common to ECE, EIE)* Low Power VLSI Design (RT42044C) Bio-Medical Ins(RT42044D) EMI/EMC (RT42044E) **(Common to ECE, ECC)**
Computer Science and Engineering (05)	Distributed Systems (RT42051) *(Common to CSE, IT)*	Management Science (RT42052) *(Common to CSE, IT & AME)*	**Elective-IV:** Micro processers and Multi Core Systems (RT42054A)/ Embedded and Real Time Systems (RT42054B)/ Neural Networks & Soft Computing (RT42054C) / Social Networks and the Semantic Web(RT42054D)/ Cloud Computing (RT42043E) *(Common to CSE, ECE)*	**Elective-III:** Human Computer Interaction (RT42053A)/ *(Common to CSE, IT)* Advanced Operating Systems (RT42053B)/ *(Common to CSE, IT)* Mobile Adhoc & Sensor Networks(RT42053C)/ *(Common to CSE, IT)* Pattern Recognition(RT42053D)/ *(Common to CSE, IT)* Digital Image Processing (RT42053E)/ Micro processers and Multi Core Systems (RT42053F)

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Chemical Engineering (08)	Industrial Safety & Hazard Management (RT42081)	**Elective-II:**Multicomponent Distillation (RT42082A)/ Fluidization Engineering (RT42082B)/ Corrosion & Its Control (RT42082C)	**Elective-III:** Computational Fluid Dynamics (RT42083A)/ Optimization of Chemical Processes (RT42083B)/ Computational Methods in Chemical Engineering (RT42083C)	**Elective-IV:**Catalysis(RT42084A)/ Pipeline Engineering (RT42084B)/ Process Trouble Shooting (RT42084C)
Electronics & Instrumentation Engineering (10)	Industrial Automation (RT42101)	Data Communication (RT42102)	**Elective-III:** Digital IC Design (RT42103A)/ Embedded systems (RT42043C) *(Common to ECE,EIE&ECC)/* Micro electromechanical systems (MEMS) (RT42103B)/ Computer Networks (RT42103C)/ Advanced Computer Architecture (RT42103D)	**Elective-IV:** Wireless Sensors and Networks (RT42044A) *(Common to ECE,EIE&ECC)/* Calibration & standards (RT42104A)/ Fiber Optic Sensors (RT42104B)/ Telemetry & Tele control (RT42104C)/ System on Chip(RT42044B) *(Common to ECE&EIE)*
Information Technology (12)	Distributed Systems (RT42051) *(Common to CSE, IT)*	Management Science (RT42052) *(Common to CSE, IT & AME)*	Mathematical Opimization (**RT42121**)	**Elective-III:** Human Computer Interaction (RT42053A)/ *(Common to CSE, IT)* Advanced Operating Systems (RT42053B)/ *(Common to CSE, IT)* Mobile Adhoc & Sensor Networks(RT42053C)/ *(Common to CSE, IT)* Pattern Recognition(RT42053D)/ *(Common to CSE, IT)*
Electronics & Computer Engineering (19)	Automata Theory & Compiler Design (RT42192)/	**Elective-IV:** Real Time Operating Systems (RT42194B)	Embedded Systems (RT42043C) *(Common to ECE,EIE&ECC)*	**Elective-IV:** Wireless Sensor Networks (RT42044A) *(Common to ECE, ECC)/* Network Security & Cryptography (RT42194C) EMI/EMC (RT42044E)(Common to ECE, ECC)
Aeronautical Engineering (21)	Aircraft Systems and Instrumentation (RT42211)	Structural Analysis and Detailed Design (RT42212)	**Elective-III:** Engineering Optimization(RT42213A)/ Propellant Technology(RT42213B)/ Boundary Layer Theory(RT42213C)/ Hypersonic Aerodynamics (RT42213D)	**Elective-IV:** Aero elasticity(RT42214A)/ Industrial Aerodynamics(RT42214B) / Advanced Computational Aerodynamics (RT42214C) / Fatigue and Fracture Mechanics (RT42214D)
Automobile Engineering (24)	Automotive Control Systems (RT42241)	**Elective-IV:**Management Science (RT42052) **(Common to CSE, IT & AME) /** Principles of Entrepreneurship (RT42244B)/ Simulation of SI and CI Engines (RT42244C)/ Modern Vehicle Technology (RT42244D)	**Elective-III:** Automotive Safety (RT42243A)/ Automotive Manufacturing (RT42243B)/ Auto Air Conditioning (RT42243C)/ Experimental Stress Analysis (RT42033A) *(Common to ME,AME)*	Vehicle Maintenance (RT42242)

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Mining Engineering (26)	Production Planning and Control (RT42031) *(Common to ME, MINING)*	Deep Sea Mining (RT42262A)/ Mine Construction (RT42262B)/ Tunneling Engineering (RT42262C)	**Elective-III:** Planning Of Underground Metal Minning Project (RT42263A) / Planning Of Underground Coal Minning Project (RT42263B) / Planning Of Surface Mining Project (RT42263C)	**Elective-IV:** Maintenance And Reliability Engineering (RT42264A) / Rock Excavation Engineering (RT42264B) / Mine Health And Safety Engineering (RT42264C)
Petroleum Engineering (27)	Petroleum Economics, Regulations & Policies (RT42271)	Reservoir Modeling & Simulation (RT42272A)/ Horizontal Well Technology (RT42272B)/ LNG-Processes, transportation & Storage (RT42272C)	**Elective-III:** Reservoir Stimulation (RT42273A)/ Subsea Engineering (RT42273B)/ Fundamentals of Multiphase Flow (RT42273C)	**Elective-IV:** Natural Gas Hydrates (RT42274A) / Advanced Natural Gas Engineering (RT42274B) / Petroleum Biotechnology (RT42274C)
Agricultural Engineering (35)	Design of Agricultural Machinery (RT42351)	Agro Industries and Bi-product Utilization (RT42352)	**Elective-III**: GIS and Remote Sensing(RT42353A) Human Engineering and Safety(RT42353B) Production Technology of Agricultural Machinery (RT42353C)	**Elective-IV:** Minor Irrigation and Command area development(RT42354A) Hydraulic Devices and Control (RT42354B) Principles of Entrepreneurship (RT42354C)

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Date: 29.08.2022

Controller of Examinations

TIME TABLE OF IV B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 19-09-2022 (Monday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
ELECTRONICS AND COMMUNICATION ENGINEERING (04 – ECE)	Electronic Measurements & Instrumentation (RT42042)	**Elective - III** 1.Sattellite Communications (PT42043A) 2. Embedded Systems (PT42043C) 3. Mixed Signal Design (PT42043B) 4. Cloud Computing (PT42043E) 5. RF Circuit Design (PT42043D) **Elective - IV** 1.Bio-Medical Ins (PT42044D) 2. Wireless Sensors and Networks (PT42044A) 3. System on Chip (PT42044B) 4. Low Power VLSI Design (PT42044C)
COMPUTER SCIENCE AND ENGINEERING (05 – CSE)	Management Science (RT42052)	**Elective - III** 1. Human Computer Interaction (PT42053A) 2. Advanced Operating Systems (PT42053B) 3. Mobile Adhoc & Sensor Networks (PT42053C) 4. Pattern Recognition (PT42053D) 5. Digital Image Processing (PT42053E) 6. Microprocessors and Multi Core Systems (PT42053F) **Elective - IV** 1. Embedded & Real Time Systems (PT42054B) 2. Social Networks & The Semantic Web (PT42054D) 3. Cloud Computing (PT42043E) 4. Micro processors and Multi Core Systems (PT42054A) 5.Neural Networks & Soft Computing (PT42054C)

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    IMMEDIATELY.

DATE: 29-08-2022   **Controller of Examinations**

TIME TABLE OF IV B.TECH II SEMESTER ADDITIONAL SUBJECTS FOR READMITTED STUDENTS
FROM R16 REGULATIONS

DATE OF EXAMINATION: 19-09-2022 (Monday)		TIME OF EXAMIANTION: 02.00 PM TO 05.00 PM
BRANCH	**ALREADY STUDIED SUBJECT**	**SUGGESTED SUBJECT**
CIVIL ENGINEERING (01)	---	Prestressed Concrete R1642013
ELECTRICAL & ELECTRONICS ENGINEERING (02)	---	Digital Control Systems R1642021

DATE: 29-08-2022

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH II SEMESTER (R10) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

TIME: 02.00 PM TO 05.00 PM

T I M E   T A B L E

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Civil Engineering (01)	Estimation, Specifications & Contracts (R42011)	Environmental Impact Assessment and Management (R42014), Advanced Structural Design (R42012), Ground Water Development and Management (R42013)	Water Shed Management (R42015), Finite Element Methods (R42016), Pavement Analysis Design and Evaluation (R42017)	Soil Dynamics and Machine Foundations (R42018), Advanced Structural Analysis (R42019), Water Resources System Planning and Management (R4201A)
Electrical & Electronics Engineering (02)	Digital Control Systems (R42021)	Advanced Control Systems (R42022), Extra High Voltage Transmission (R42023), Special Electrical Machines (R42024)	Non Conventional Sources of Energy (R42025), Digital Signal Processing (R42026), FACTS: Flexible Alternating Current Transmission Systems (R42027)	OOPS through Java (R42028), UNIX and Shell Programming (R42029), AI Techniques (R4202A)
Mechanical Engineering (03)	Interactive Computer Graphics (R42031)	Metal Corrosion (R42032), Nanotechnology (R42033), Automation in Manufacturing (R42034), Industrial Hydraulics & Pneumatics (R42035)	Production Planning and Control (R4203A) **(Common to ME & AME)**, Advanced Optimization Techniques(R4203B)	Non Destructive Evaluation (R42036), Data Base Management Systems (R42037)**(Common to ME, EIE & AE)**, Advanced Materials (R42038), Power Plant Engineering(R42039),Quality and Reliability Engineering (R4203D) (Common to ME & AME), Robotics (P42033)
Electronics & Commnication Engineering (04)	Cellular and Mobile Communications (R42041), Optical Communications (P42041)	Network Security & Cryptography (R42042) (Common to ECE & ECM), Satellite Communications(R42043), Digital Control Systems (R42044) **(Common toECE & EIE)**	Analytical Instrumentation (R42048), Real Time Operating Systems (R42049) **(Common to ECE, EIE & ECM)**, TV Engineering (R4204A), Embedded Systems (P42042)	Operating Systems (R42045), Structured Digital Design (R42046) **(Common to ECE & ECM), Wireless Sensor Networks (R42047) (Common to ECE & ECM)**

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Computer Science & Engineering (05)	Distributed Systems (R42051)	Human Computer Interaction (R42052) **(Common to CSE & IT)**, Advanced Operating Systems (R42053) **(Common to CSE & IT)**, Mobile Adhoc & Sensor Networks (R42054) **(Common to CSE & IT)**, Pattern Recognition (R42055) **(Common to CSE & IT)**, Digital Image Processing (R42056) **(Common to CSE & IT)**	Embedded and Real Time Systems (R42057) **(Common to CSE & IT)**, Simulation Modeling (R42058) **(Common to CSE & IT)**, Information Retrieval Systems (R42059), Artificial Intelligence (R4205A), Multimedia & Application Development (R4205B) **(Common to CSE & IT)**	Software Testing Methodologies (R4205C) **(Common to CSE & IT)**, Neural Networks & Soft Computing (R4205D) **(Common to CSE & IT)**, Social Networks and the Semantic Web (R4205E) **(Common to CSE & IT)**, Parallel Computing (R4205F), E-Commerce (R4205G) **(Common to CSE & IT)**
Chemical Engineering (08)	Industrial Safety & Hazard Management (R42081)	Multicomponent Distillation (R42082), Fluidization Engineering (R42083), Corrosion and its Control (R42084)	Computational Fluid Dynamics (R42085) **(Common to Chemical & PE)**, Optimization of Chemical Processes (R42086), Nuclear Reactor Engineering (R42087)	Petroleum Refining & Petrochemical Engineering (R42088), Air Pollution Control Engineering (R42089), Energy Engineering(R4208A)
Electronics & Instrumentation Engineering (10)	Industrial Electronics (R42101)	Embedded Systems (R42102), Virtual Instrumentation (R42103), Digital Control Systems (R42044) **(Common to ECE & EIE)**	Robotics & Automation (R42104) **(Common to EIE & BME)**, Digital Image Processing (R42105), Real Time Operating Systems (R42049) **(Common to ECE, EIE & ECM)**	Analog IC Design (R42106), Data Base Management Systems (R42037) **(Common to ME, EIE & AE),** Artificial Neural Networks (R42107)
Bio Medical Engineering	Bio MEMS (R42111)	Embedded & Real Time Systems (R42112), Medical Informatics(R42113), Hospital System Management (R42114)	Robotics & Automation (R42104) **(Common to EIE & BME)**, Computer Graphics(R42118), Prosthetics(R42119)	Biomaterials (R42115), Tissue Engineering (R42116), Quantitative Engineering Physiology (R42117)
Information Technology (12)	Software Project Management (R42121)	Human Computer Interaction (R42052) **(Common to CSE & IT)**, Advanced Operating Systems (R42053) **(Common to CSE & IT)**, Mobile Adhoc & Sensor Networks (R42054) **(Common to CSE & IT)**, Pattern Recognition (R42055) **(Common to CSE & IT)**, Digital Image Processing (R42056) **(Common to CSE & IT)**	Embedded and Real Time Systems (R42057) **(Common to CSE & IT)**, Simulation Modeling (R42058) **(Common to CSE & IT)**, Computer Froensics(R42122), Machine Learning(R42123), Multimedia & Application Development (R4205B) **(Common to CSE & IT)**	Software Testing Methodologies (R4205C) **(Common to CSE & IT)**, Neural Networks & Soft Computing (R4205D) **(Common to CSE & IT)**, Social Networks and the Semantic Web (R4205E) **(Common to CSE & IT)**, Cloud Computing (R42124), E- Commerce (R4205G) **(Common to CSE & IT)**

Branch	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)
Electronics & Computer Engineering (19)	Automata Theory & Compiler Design (R42191)	Language Processors (R42194), Data Warehousing and Data Mining (R42196), Network Security and Cryptography (R42042) (Common to ECE & ECM)	E M I/ E M C (R42195), Real Time Operating Systems (R42049) **(Common to ECE, EIE & ECM)**	Web Design (R42192), Fuzzy Logic and Neural Networks (R42193), Structured Digital Design (R42046) **(Common to ECE & ECM),** Wireless Sensor Networks **(R42047) (Common to ECE & ECM)**
Aeronoltical Engineering (21)	Aircraft Systems and Instrumentation (R42211)	Rockets and Missiles (R42212), Propellant Technology (R42213), Industrial Aerodynamics (R42214)	Fatigue & Fracture Mechanics (R42215), Aircraft Maintenance Management (R42216), Aeroelasticity (R42217)	Air Line Management (R42218), Helicopter Engineering (R42219), Data Base Management Systems (R42037) **(Common to ME, EIE & AE)**
Bio Technology	Animal Cell Science and Technology (R42231)	Creativity Innovation and Product Development (R42232), Nano Biotechnology (R42233), Metabolic Engineering (R42234)	Food Science and Technology (R42235), Molecular Modeling and Drug Design (R42236), Bio Process Economics and Plant Design (R42237)	Biopharmaceutical Technology (R42238), Phytochemicals and Herbal Medicine (R42239), Bioprocess Optimization (R4223A), Enzyme Engineering (R4223B)
Automobile Engineering (24)	Automotive Control Systems (R42241)	Computational Fluid Dynamics (R42242), Operations Research (R42243)	Production Planning & control (R4203A) **(Common to ME & AME)**, Principles of Entrepreneurship (R42246), Simulation of SI & CI Engine (R42247)	Automation in Manufacturing (R42244), Automotive Air Conditioning (R42245),Gas Dynamics& Jet propulsion (R4203C) (Common to ME & AME), Quality and Reliability Engineering (R4203D) (Common to ME & AME)
Mining Engineering (26)	Production Planning and Control (R42261)	Deep Sea mining (R42262), Mine Construction (R42263), Tunneling Engineering (R42264)	Planning of Under Ground Metal Mining Project (R42265), Planning of Under Ground Coal Mining Project (R42266), Planning of Surface Mining Project (R42267)	Maintenance & Reliability Engineering (R42268), Rock Excavation Engineering (R42269), Mine Health & Safety Engineering (R4226A)
Petroleum Engineering (27)	Petroleum Economics, Policies & Law (R42271)	Reservoir Modeling & Simulation (R42272), Horizontal Well Technology (R42273), Reservoir Stimulation (R42274)	Chemical Reaction Engineering (R42278), Computational Fluid Dynamics (R42085) **(Common to Chemical & PE)**, Petroleum Biotechnology (R42279)	Separation Processes (R42275), Natural Gas Processing (R42276), Natural Gas Hydrates (R42277)

NOTE:

i)   Any omissions or clashes in this table may please be informed to the controller of examination 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

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH II SEMESTER (OR, RR, NR, R05, R07) - SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

T I M E T A B L E

TIME: 02.00 PM TO 05.00 PM

BRANCHES	DATE & DAY					
	12-09-2022 (Monday)	**14-09-2022 (Wednesday)**	**16-09-2022 (Friday)**	**19-09-2022 (Monday)**	**21-09-2022 (Wednesday)**	**23-09-2022 (Friday)**
CE (01)	Pre stressed Concrete K0105 **(R05)** Environmental Impact Assessment And Management K0123 **(R07)**	Prestressed Concrete K0125 **(R07)**	Advanced Structural Analysis K0128 **(R07)**	---	---	---
EEE (02)	Unix & Windows Nt B4205 – **(NR)** Utilization of Electrical Energy K0201 **(R05)** Utilization Of Electrical Energy K0201 **(R05)** Utilization Of Electrical Energy K0221 **(R07)** Utilization Of Electrical Energy K0221 **(R07)**	Embedded Systems K0204 **(R05)** Advanced Control Systems K0222 **(R07)** Advanced Control Systems K0222 **(R07)**	Oops Through Java K0205 **(R05)** Digital Control Systems K0223 **(R07)** Database Management Systems K0227 **(R07)**	Database Management Systems L0202 **(R05)** Object Oriented Programming K0226 **(R07)** Utilization of Electrical Energy K0221 **(R07)**	HVDC Transmission - K0203**(R05)** Database Management Systems K0227 **(R07)** Digital Control Systems K0223 **(R07)**	---
ME (03)	Robotics - G9905 **(RR)** Neural Networks And Fuzzy Logic Systems K0322 **(R07)**	Finite Element Methods G9903 **(RR)** Computer Organization And Architecture K0325 **(R07)**	Total Quality Management L0305 **(R05)**	Production Planning & Control L0303 – **(R05)**	Tribology K0323 **(R07)**	---

BRANCHES	12-09-2022 (Monday)	14-09-2022 (Wednesday)	16-09-2022 (Friday)	19-09-2022 (Monday)	21-09-2022 (Wednesday)	23-09-2022 (Friday)
ECE (04)	Cellular & Mobile Communications L0401 **(R05)** Optical Communications K0421 **(R07)**	Embedded And Real Time Systems L0402 **(R05)** Artificial Neural Networks K0423 **(R07)** Wireless Communications And Networks L0423 **(R07)**	Wireless Communications And Networks L0403 **(R05)** Embedded And Real Time Systems L0421 **(R07)**	Digital Design Through Verilog L0404 **(R05)** Digital Design Through Verilog L0422 **(R07)**	DSP Processors & Architectures L0405 **(R05)** Wireless Communications And Networks L0423 **(R07)**	DSP Processors And Architectures L0424 **(R07)** Clluialr And Mobile Communicatio ns S7332 **(R07)**
CSE (05)	Cellular & Mobile Comn. - G9907 **(RR)** Environmental Studies - ENV42 **(R05)** E-Commerce K0522 **(R07)**	Management Science L0501 **(R05)** Distributed Databases - K0503 **(R05)** Human Computer Interaction K0525 **(R07)**	---	Human Computer Interface - K0505 **(R05)**	Management Science L0521 **(R07)** (Common to CSE,IT)	---
EIE (10)	Micro Controllers & Applications L1001 **(R05)**	---	---	---	---	---
IT (12)	Multimedia Databases K1221 **(R07)**	---	Client Server Computing G1203 **(RR)** Pattern Recognition K1225 **(R07)**	Cellular & Mobile Comn. G9907 **(RR)** Network Management Systems K1222 **(R07)**	Management Science L0521 **(R07)** (Common to CSE,IT)	---

NOTE   (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMEDIATELY.

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

(iii) FOR ANY OTHER CLARIFICATION IN RESPECT OF THE ABOVE EXAMINATIONS PLEASE CONTACT CONTROLLER OF EXAMINATIONS /OR 9652300902.

(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)

DATE: 29-08-2022

Controller of Examinations