



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - II SEMESTER (R16) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

**TIME : 02.00 PM TO 05.00 PM**

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Civil Engineering (01)</b>	Estimation Specificatin & Contracts (R1642011)	Construction Technology & Management (R1642012)	Prestressed Concrete (R1642013)	<b>Elective-III:</b> Bridge Engineering (R164201A)/Soil Dynamics and Foundations (R164201B)/Solid and Hazards waste management (R164201C)/Water Resource System Planning (R164201D)/ UrbanTransportation Planning Engineering (R164201E)
<b>Electrical &amp; Electronics Engineering (02)</b>	Digital Control Systems (R1642021)	HVDC Transmission (R1642022)	Electrical Distribution Systems (R1642023)	<b>Elective-I:</b> High Voltage Engineering (R164202A)/Flexible Alternating Current Transmissin Systems (R164202B)/Power Systems Reforms (R164202C)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Unconventional Machining Processes (R1642032)	Automobile Engineering (R1642033)	<b>Elective-III:</b> Thermal Equipment Design (R164203A)/Non Destructive Evaluation (R164203B)/Quality and Reliability Engineering (R164203C)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular Mobile Communications (R1642041)	Electronic Measurements and Instrumentation (R1642042)	Satellite Communications (R1642043)	<b>Elective-III:</b> Digital IC Design(Common to ECE & E.I.E) (R164204B)/Operating Systems (R164204C)/Wireless Sensors & Networks (R164204A)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (Common to CSE, IT) (R1642051)	Management Science (Common to CSE, IT) (R1642052)	Machine Learning (R1642053)	<b>Elective-III:</b> Operation Research (R164205C)/Artificial Neural Networks(Common to CSE, IT) (R164205B)/Concurrent and Parallel Programming(Common to CSE, IT) (R164205A)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (R1642101)	Data Communications (R1642102)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Digital IC Design (Common to ECE & E.I.E) (R164204B)/Calibration & Standards (R164210A)/Micro Electro Mechanical Systems (MEMS) (R164210B)



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## IV B.TECH - II SEMESTER (R16) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

**TIME : 02.00 PM TO 05.00 PM**

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Information Technology (12)</b>	Distributed Systems(Common to CSE, IT) (R1642051)	Management Science(Common to CSE, IT) (R1642052)	Management Information System (R1642121)	<b>Elective III:</b> Cyber Security (R164212A)/Software Quality Assurance (R164212B)/Concurrent and Parallel Programming (Common to CSE, IT) (R164205A)/Artificial Neural Networks(Common to CSE, IT) (R164205B)
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (R1642191)	<b>Elective IV :</b> Real Time Operating Systems (R164219D)/Network Security & Cryptography (R164219E)/	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Language Processors (R164219A)/EMI/EMC (R164219B)/Data Ware Housing & Data Mining (R164219C)/Wireless Sensors & Networks(R164204A)
<b>Aeronautical Engineering (21)</b>	Rockery and Space Mechanics (R1642211)	Mechanics of Composites (R1642212)	Aerospace Materials (R1642213)	<b>Elective III:</b> Avionics (R164221A)/Propellant Technology (R164221B)/Aero Elasticity (R164221C)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (R1642241)	Vehicle Maintenance (R1642242)	Product Design and Assembly Automation (R1642243)	<b>Elective III:</b> Automotive Safety (R164224A)/Automotive Manufacturing Systems (R164224B)/Automobile Air Conditioning (R164224C)
<b>Mining Engineering (26)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Mine Economics & Investment (R1642261)	Mine Health and Safety Engineering (R1642262)	<b>Elective III:</b> Planning of Underground Metal Mining Projects (R164226A)/Planning of Underground Coal Mining Projects (R164226B)/Planning of Surface Mining Projects (R164226C)



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UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - II SEMESTER (R16) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

TIME : 02.00 PM TO 05.00 PM

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Petroleum Engineering (27)</b>	EOR Techniques (R1642271)	HSE & FE in Petroleum Industry (R1642272)	Petroleum Economics, Policies & Regulations (R1642273)	<b>Elective III</b> : Shale Gas Reservoir Engineering (R164227A)/Subsea Engineering (R164227B)/Reservoir Modelling & Simulation (R164227C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (R1642351)	Agricultural Extension Techniques and Business Managemet (R1642352)	Agro Industries and Bi-product Utilization (R1642353)	<b>Elective III</b> :GIS and Remote Sensing (R164235A)/Human Engineering and safety (R164235B)/Production Technology of Agricultural Machinery (R164235C)

- 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: 17-08-2024

  
Controller of Examinations (UG)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA  
**IV B.TECH II SEMESTER (R13) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024**  
**TIME TABLE**

**TIME: 02.00 PM TO 5.00 PM**

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Civil Engineering (01)</b>	Estimating, Specifications & Contracts (RT42011)	<b>Elective-II:</b> 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)	<b>Elective-III:</b> Advanced foundation Engineering (RT42013A)/ Solid waste Management (RT42013B)/ Earthquake Resistant Design (RT42013C)/ Water Shed Management (RT42013D)/ Pavement Analysis and Design (RT42013E)/ Green Buildings (RT42013F)	<b>Elective-IV:</b> 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)
<b>Electrical and Electronics Engineering (02)</b>	Digital Control Systems (RT42021)	<b>Elective-II:</b> Advanced Control Systems (RT42022A) High Voltage Engineering (RT42022B) Special Electrical Machines (RT42022C)	<b>Elective-III:</b> Electric Power Quality (RT42023A)/ Digital Signal Processing (RT42023B)/ FACTS: Flexible Alternating Current Transmission Systems (RT42023C)	<b>Elective-IV:</b> OOPS Through Java(RT42024A)/ UNIX and Shell Programming (RT42024B)/ AI Techniques (RT42024C)/ Power System Reforms (RT42024D)/ Systems Engineering (RT42024E)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (RT42031) (Common to ME, Mining)	Green Engineering Systems (RT42032)	<b>Elective-III:</b> Experimental Stress Analysis (RT42033A) (Common to ME,AME)/ Mechatronics (RT42033B)/ Advanced Materials (RT42033C)/ Power Plant Engineering(RT42033D)	<b>Elective-IV:</b> Non Destructive Evaluation(RT42034A)/ Advanced Optimization Techniques(RT42034B)/ Gas Dynamics & Jet Propulsion(RT42034C)/ Quality and Reliability Engineering (RT42034D)
<b>Electronics and Communication Engineering (04)</b>	Cellular Mobile Communication (RT42041)	Electronic Measurements and Instrumentation (RT42042)	<b>Elective-III:</b> 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)	<b>Elective-IV:</b> 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)
<b>Computer Science and Engineering (05)</b>	Distributed Systems (RT42051) (Common to CSE, IT)	Management Science (RT42052) (Common to CSE, IT & AME)	<b>Elective-IV:</b> Micro processors 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)	<b>Elective-III:</b> 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 processors and Multi Core Systems (RT42053F)

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Chemical Engineering (08)</b>	Industrial Safety & Hazard Management (RT42081)	<b>Elective-II:</b> Multicomponent Distillation (RT42082A)/ Fluidization Engineering (RT42082B)/ Corrosion & Its Control (RT42082C)	<b>Elective-III:</b> Computational Fluid Dynamics (RT42083A)/ Optimization of Chemical Processes (RT42083B)/ Computational Methods in Chemical Engineering (RT42083C)	<b>Elective-IV:</b> Catalysis(RT42084A)/ Pipeline Engineering (RT42084B)/ Process Trouble Shooting (RT42084C)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (RT42101)	Data Communication (RT42102)	<b>Elective-III:</b> Digital IC Design (RT42103A)/ Embedded systems (RT42043C) <i>(Common to ECE,EIE&amp;ECC)</i> / Micro electromechanical systems (MEMS) (RT42103B)/ Computer Networks (RT42103C)/ Advanced Computer Architecture (RT42103D)	<b>Elective-IV:</b> Wireless Sensors and Networks (RT42044A) <i>(Common to ECE,EIE&amp;ECC)</i> / Calibration & standards (RT42104A)/ Fiber Optic Sensors (RT42104B)/ Telemetry & Tele control (RT42104C)/ System on Chip(RT42044B) <i>(Common to ECE&amp;EIE)</i>
<b>Information Technology (12)</b>	Distributed Systems (RT42051) <i>(Common to CSE, IT)</i>	Management Science (RT42052) <i>(Common to CSE, IT &amp; AME)</i>	Mathematical Optimizaiton ( <b>RT42121</b> )	<b>Elective-III:</b> Human Computer Interaction (RT42053A)/ <i>(Common to CSE, IT)</i> Advanced Operating Systems (RT42053B)/ <i>(Common to CSE, IT)</i> Mobile Adhoc & Sensor Networks(RT42053C)/ <i>(Common to CSE, IT)</i> Pattern Recognition(RT42053D)/ <i>(Common to CSE, IT)</i>
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (RT42192)/	<b>Elective-IV:</b> Real Time Operating Systems (RT42194B)	Embedded Systems (RT42043C) <i>(Common to ECE,EIE&amp;ECC)</i>	<b>Elective-IV:</b> Wireless Sensor Networks (RT42044A) <i>(Common to ECE, ECC)</i> / Network Security & Cryptography (RT42194C) EMI/EMC (RT42044E)(Common to ECE, ECC)
<b>Aeronautical Engineering (21)</b>	Aircraft Systems and Instrumentation (RT42211)	Structural Analysis and Detailed Design (RT42212)	<b>Elective-III:</b> Engineering Optimization(RT42213A)/ Propellant Technology(RT42213B)/ Boundary Layer Theory(RT42213C)/ Hypersonic Aerodynamics (RT42213D)	<b>Elective-IV:</b> Aero elasticity(RT42214A)/ Industrial Aerodynamics(RT42214B) / Advanced Computational Aerodynamics (RT42214C) / Fatigue and Fracture Mechanics (RT42214D)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (RT42241)	<b>Elective-IV:</b> Management Science (RT42052) <i>(Common to CSE, IT &amp; AME)</i> / Principles of Entrepreneurship (RT42244B)/ Simulation of SI and CI Engines (RT42244C)/ Modern Vehicle Technology (RT42244D)	<b>Elective-III:</b> Automotive Safety (RT42243A)/ Automotive Manufacturing (RT42243B)/ Auto Air Conditioning (RT42243C)/ Experimental Stress Analysis (RT42033A) <i>(Common to ME,AME)</i>	Vehicle Maintenance (RT42242)

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Mining Engineering (26)</b>	Production Planning and Control (RT42031) ( <i>Common to ME, MINING</i> )	Deep Sea Mining (RT42262A)/ Mine Construction (RT42262B)/ Tunneling Engineering (RT42262C)	<b>Elective-III:</b> Planning Of Underground Metal Mining Project (RT42263A) / Planning Of Underground Coal Mining Project (RT42263B) / Planning Of Surface Mining Project (RT42263C)	<b>Elective-IV:</b> Maintenance And Reliability Engineering (RT42264A) / Rock Excavation Engineering (RT42264B) / Mine Health And Safety Engineering (RT42264C)
<b>Petroleum Engineering (27)</b>	Petroleum Economics, Regulations & Policies (RT42271)	Reservoir Modeling & Simulation (RT42272A)/ Horizontal Well Technology (RT42272B)/ LNG-Processes, transportation & Storage (RT42272C)	<b>Elective-III:</b> Reservoir Stimulation (RT42273A)/ Subsea Engineering (RT42273B)/ Fundamentals of Multiphase Flow (RT42273C)	<b>Elective-IV:</b> Natural Gas Hydrates (RT42274A) / Advanced Natural Gas Engineering (RT42274B) / Petroleum Biotechnology (RT42274C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (RT42351)	Agro Industries and Bi-product Utilization (RT42352)	<b>Elective-III:</b> GIS and Remote Sensing(RT42353A) Human Engineering and Safety(RT42353B) Production Technology of Agricultural Machinery (RT42353C)	<b>Elective-IV:</b> Minor Irrigation and Command area development(RT42354A) Hydraulic Devices and Control (RT42354B) Principles of Entrepreneurship (RT42354C)

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**Date: 17.08.2024**

  
Controller of Examinations (UG)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH II SEMESTER (R10) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

TIME: 02.00 PM TO 05.00 PM

### TIME TABLE

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Civil Engineering (01)</b>	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)
<b>Electrical &amp; Electronics Engineering (02)</b>	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)
<b>Mechanical Engineering (03)</b>	Interactive Computer Graphics (R42031)	Metal Corrosion (R42032), Nanotechnology (R42033), Automation in Manufacturing (R42034), Industrial Hydraulics & Pneumatics (R42035)	Production Planning and Control (R4203A) ( <b>Common to ME &amp; AME</b> ), Advanced Optimization Techniques(R4203B)	Non Destructive Evaluation (R42036), Data Base Management Systems (R42037)( <b>Common to ME, EIE &amp; AE</b> ), Advanced Materials (R42038), Power Plant Engineering(R42039),Quality and Reliability Engineering (R4203D) (Common to ME & AME), Robotics (P42033)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular and Mobile Communications (R42041), Optical Communications (P42041)	Network Security & Cryptography (R42042) (Common to ECE & ECM), Satellite Communications(R42043), Digital Control Systems (R42044) ( <b>Common to ECE &amp; EIE</b> )	Analytical Instrumentation (R42048), Real Time Operating Systems (R42049) ( <b>Common to ECE, EIE &amp; ECM</b> ), TV Engineering (R4204A), Embedded Systems (P42042)	Operating Systems (R42045), Structured Digital Design (R42046) ( <b>Common to ECE &amp; ECM</b> ), <b>Wireless Sensor Networks (R42047) (Common to ECE &amp; ECM)</b>

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (R42051)	Human Computer Interaction (R42052) <b>(Common to CSE &amp; IT)</b> , Advanced Operating Systems (R42053) <b>(Common to CSE &amp; IT)</b> , Mobile Adhoc & Sensor Networks (R42054) <b>(Common to CSE &amp; IT)</b> , Pattern Recognition (R42055) <b>(Common to CSE &amp; IT)</b> , Digital Image Processing (R42056) <b>(Common to CSE &amp; IT)</b>	Embedded and Real Time Systems (R42057) <b>(Common to CSE &amp; IT)</b> , Simulation Modeling (R42058) <b>(Common to CSE &amp; IT)</b> , Information Retrieval Systems (R42059), Artificial Intelligence (R4205A), Multimedia & Application Development (R4205B) <b>(Common to CSE &amp; IT)</b>	Software Testing Methodologies (R4205C) <b>(Common to CSE &amp; IT)</b> , Neural Networks & Soft Computing (R4205D) <b>(Common to CSE &amp; IT)</b> , Social Networks and the Semantic Web (R4205E) <b>(Common to CSE &amp; IT)</b> , Parallel Computing (R4205F), E-Commerce (R4205G) <b>(Common to CSE &amp; IT)</b>
<b>Chemical Engineering (08)</b>	Industrial Safety & Hazard Management (R42081)	Multicomponent Distillation (R42082), Fluidization Engineering (R42083), Corrosion and its Control (R42084)	Computational Fluid Dynamics (R42085) <b>(Common to Chemical &amp; PE)</b> , Optimization of Chemical Processes (R42086), Nuclear Reactor Engineering (R42087)	Petroleum Refining & Petrochemical Engineering (R42088), Air Pollution Control Engineering (R42089), Energy Engineering(R4208A)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Electronics (R42101)	Embedded Systems (R42102), Virtual Instrumentation (R42103), Digital Control Systems (R42044) <b>(Common to ECE &amp; EIE)</b>	Robotics & Automation (R42104) <b>(Common to EIE &amp; BME)</b> , Digital Image Processing (R42105), Real Time Operating Systems (R42049) <b>(Common to ECE, EIE &amp; ECM)</b>	Analog IC Design (R42106), Data Base Management Systems (R42037) <b>(Common to ME, EIE &amp; AE)</b> , Artificial Neural Networks (R42107)
<b>Bio Medical Engineering</b>	Bio MEMS (R42111)	Embedded & Real Time Systems (R42112), Medical Informatics(R42113), Hospital System Management (R42114)	Robotics & Automation (R42104) <b>(Common to EIE &amp; BME)</b> , Computer Graphics(R42118), Prosthetics(R42119)	Biomaterials (R42115), Tissue Engineering (R42116), Quantitative Engineering Physiology (R42117)
<b>Information Technology (12)</b>	Software Project Management (R42121)	Human Computer Interaction (R42052) <b>(Common to CSE &amp; IT)</b> , Advanced Operating Systems (R42053) <b>(Common to CSE &amp; IT)</b> , Mobile Adhoc & Sensor Networks (R42054) <b>(Common to CSE &amp; IT)</b> , Pattern Recognition (R42055) <b>(Common to CSE &amp; IT)</b> , Digital Image Processing (R42056) <b>(Common to CSE &amp; IT)</b>	Embedded and Real Time Systems (R42057) <b>(Common to CSE &amp; IT)</b> , Simulation Modeling (R42058) <b>(Common to CSE &amp; IT)</b> , Computer Forensics(R42122), Machine Learning(R42123), Multimedia & Application Development (R4205B) <b>(Common to CSE &amp; IT)</b>	Software Testing Methodologies (R4205C) <b>(Common to CSE &amp; IT)</b> , Neural Networks & Soft Computing (R4205D) <b>(Common to CSE &amp; IT)</b> , Social Networks and the Semantic Web (R4205E) <b>(Common to CSE &amp; IT)</b> , Cloud Computing (R42124), E- Commerce (R4205G) <b>(Common to CSE &amp; IT)</b>



Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
<b>Electronics &amp; Computer Engineering (19)</b>	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)
<b>Aeronautical Engineering (21)</b>	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)
<b>Bio Technology</b>	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)
<b>Automobile Engineering (24)</b>	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)
<b>Mining Engineering (26)</b>	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)
<b>Petroleum Engineering (27)</b>	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:**

- Any omissions or clashes in this table may please be informed to the controller of examination immediately
- Even if Government declares holiday on any of the above dates, the examinations shall be conducted as usual
- The Principals are requested to inform the university any other substitute subjects that are not included in the above list immediately

Date: 17.08.2024

  
Controller of Examinations (UG)



IV B.TECH II SEMESTER

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

**IV B.TECH II SEMESTER (OR, RR, NR, R05, R07) - SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

BRANCH	DATE & DAY				
	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)	01-10-2024 (Tuesday)
<b>CE (01)</b>	Pre stressed Concrete K0105 <b>(R05)</b>  Environmental Impact Assessment And Management K0123 <b>(R07)</b>	Prestressed Concrete K0125 <b>(R07)</b>	Advanced Structural Analysis K0128 <b>(R07)</b>	---	---
<b>EEE (02)</b>	Unix & Windows Nt B4205 – <b>(NR)</b>  Database Management Systems G0205 <b>(RR)</b>  Utilization of Electrical Energy K0201 <b>(R05)</b>	Embedded Systems K0204 <b>(R05)</b>  Advanced Control Systems K0222 <b>(R07)</b>	Oops Through Java K0205 <b>(R05)</b>  HVDC Transmission - K0203 <b>(R05)</b>  Digital Control Systems K0223 <b>(R07)</b>  Database Management Systems K0227 <b>(R07)</b>	Database Management Systems L0202 <b>(R05)</b>  Object Oriented Programming K0226 <b>(R07)</b>  Utilization of Electrical Energy K0221 <b>(R07)</b>	---
<b>ME (03)</b>	Robotics - G9905 <b>(RR)</b>  Neural Networks And Fuzzy Logic Systems K0322 <b>(R07)</b>  Automobile Engineering L0301 <b>(R05)</b>	Finite Element Methods G9903 <b>(RR)</b>  Computer Organization And Architecture K0325 <b>(R07)</b>	Total Quality Management L0305 <b>(R05)</b>	Production Planning & Control L0303 – <b>(R05)</b>	Tribology K0323 <b>(R07)</b>

BRANCH	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)	01-10-2024 (Tuesday)
<b>ECE (04)</b>	Cellular & Mobile Communications L0401 (R05)  Optical Communications K0421 (R07)  TV Engineering D0464 (OR)	Embedded And Real Time Systems L0402 (R05)  Artificial Neural Networks K0423 (R07)  Wireless Communications And Networks L0423 (R07)	DSP Processors & Architectures L0405 (R05)  Wireless Communications And Networks L0403 (R05)  Embedded And Real Time Systems L0421 (R07)	DSP Processors And Architectures L0424 (R07)  Cellualr And Mobile Communications S7332 (R07)  Digital Design Through Verilog L0404 (R05)  Digital Design Through Verilog L0422 (R07)	---
<b>CSE (05)</b>	Cellular & Mobile Comn. - G9907 (RR)  Environmental Studies - ENV42 (R05)  Image Processing K0521 (R07) E-Commerce K0522 (R07)	Management Science L0501 (R05)  Distributed Databases - K0503 (R05)  Human Computer Interaction K0525 (R07)	Management Science L0521 (R07) (Common to CSE,IT)	Human Computer Interface - K0505 (R05)	---
<b>IT (12)</b>	Multimedia Databases K1201 (R05)  Multimedia Databases K1221 (R07)	---	Client Server Computing G1203 (RR)  Pattern Recognition K1225 (R07)	Cellular & Mobile Comn. G9907 (RR)  Network Management Systems K1222 (R07)	---

- 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.jntuksdc.co.in](http://www.jntuksdc.co.in))**

**Date: 17-08-2024**

  
**Controller of Examinations (UG)**