



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

**IV B.TECH II SEMESTER (R10) ADVANCED SUPPLEMENTARY EXAMINATIONS, AUG/SEP - 2022**

**TIME: 02.00 PM TO 05.00 PM**

**TIME TABLE**

<b>Branch</b>	<b>29.08.2022 (Monday)</b>	<b>30.08.2022 (Tuesday)</b>	<b>01.09.2022 (Thursday)</b>	<b>02.09.2022 (Friday)</b>
<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) <b>(Common to ECE &amp; ECM)</b> , 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>

<b>Branch</b>	<b>29.08.2022 (Monday)</b>	<b>30.08.2022 (Tuesday)</b>	<b>01.09.2022 (Thursday)</b>	<b>02.09.2022 (Friday)</b>
<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	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<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:**

- 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: 18.08.2022**

  
**Controller of Examinations**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH II SEMESTER (R13) ADVANCED SUPPLEMENTARY EXAMINATIONS, AUG/SEP - 2022**  
**TIME T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

Branch	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<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) <i>(Common to ME, Mining)</i>	Green Engineering Systems (RT42032)	<b>Elective-III:</b> Experimental Stress Analysis (RT42033A) <i>(Common to ME,AME)/</i> 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) <i>(Common to ECE,EIE&amp;ECC)</i> RF Circuit Design (RT42043D) Cloud Computing (RT42043E) <i>(Common to ECE,CSE)</i>	<b>Elective-IV:</b> Wireless Sensors and Networks (RT42044A) <i>(Common to ECE,EIE&amp;ECC)</i> System on Chip (RT42044B) <i>(Common to ECE, EIE)</i> Low Power VLSI Design (RT42044C) Bio-Medical Ins(RT42044D) EMI/EMC (RT42044E) <i>(Common to ECE, ECC)</i>
<b>Computer Science and Engineering (05)</b>	Distributed Systems (RT42051) <i>(Common to CSE, IT)</i>	Management Science (RT42052) <i>(Common to CSE, IT &amp; AME)</i>	<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) <i>(Common to CSE, ECE)</i>	<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> Digital Image Processing (RT42053E)/ Micro processors and Multi Core Systems (RT42053F)

Branch	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<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 Opimization <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	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<b>Mining Engineering (26)</b>	Production Planning and Control (RT42031) (Common to ME, MINING)	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)

**NOTE:**

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- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Date: 18.08.2022**



**Controller of Examinations**



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

**IV B.TECH - II SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, AUGUST/SEPTEMBER - 2022**

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

**TIME: 02.00 PM TO 05.00 PM**

<b>Branch</b>	<b>29.08.2022 (Monday)</b>	<b>30.08.2022 (Tuesday)</b>	<b>01.09.2022 (Thursday)</b>	<b>02.09.2022 (Friday)</b>
<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)





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**IV B.TECH - II SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, AUGUST/SEPTEMBER - 2022**

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

**TIME: 02.00 PM TO 05.00 PM**

Branch	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<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)
<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)



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**IV B.TECH - II SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, AUGUST/SEPTEMBER - 2022**

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

**TIME: 02.00 PM TO 05.00 PM**

Branch	29.08.2022 (Monday)	30.08.2022 (Tuesday)	01.09.2022 (Thursday)	02.09.2022 (Friday)
<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)
<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: 18.08.2022

  
Controller of Examinations


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

DATE OF EXAMINATION: 30-08-2022 (Tuesday)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	ALREADY STUDIED SUBJECT	SUGGESTED SUBJECT
ELECTRONICS AND COMMUNICATION ENGINEERING (04 – ECE)	Electronic Measurements & Instrumentation (RT42042)	<b><u>Elective - III</u></b>
		1.Sattellite Communications (PT42043A)
		2. Embedded Systems (PT42043C)
		3. Mixed Signal Design (PT42043B)
		4. Cloud Computing (PT42043E)
		5. RF Circuit Design (PT42043D)
		<b><u>Elective - IV</u></b>
		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)	<b><u>Elective - III</u></b>
		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)
		<b><u>Elective - IV</u></b>
		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)

**NOTE:**

- i ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 18-08-2022**

  
**Controller of Examinations**