

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA - 533 003
IV B.TECH - II SEMESTER (R13) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2020
T I M E T A B L E

T I M E: 10.00 AM TO 1.00 PM

| Branch | 13.09.2020 (Sunday) | 14.09.2020 (Monday) | 15.09.2020 (Tuesday) | 16.09.2020 (Wednesday) | 19.09.2020 (Saturday) |
|--|---|---|---|--|--------------------------|
| 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) (<i>Common to ME, Mining</i>) | Green Engineering Systems (RT42032) | Elective-III: Experimental Stress Analysis (RT42033A) (<i>Common to ME,AME</i>)/ 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) | |

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|---|---|---|--|--|---|
| 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) (<i>Common to ECE,EIE&ECC</i>) RF Circuit Design (RT42043D) Cloud Computing (RT42043E) (<i>Common to ECE,CSE</i>) | Elective-IV: Wireless Sensors and Networks (RT42044A) (<i>Common to ECE,EIE&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>) |
| Computer Science and Engineering (05) | Distributed Systems (RT42051) (<i>Common to CSE, IT</i>) | Management Science (RT42052) (<i>Common to CSE, IT & AME</i>) | Elective-IV: 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>) | Elective-III: 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) | |
| 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) (<i>Common to ECE,EIE&ECC</i>)/ Micro electromechanical systems (MEMS) (RT42103B)/ Computer Networks (RT42103C)/ Advanced Computer Architecture (RT42103D) | Elective-IV: Wireless Sensors and Networks (RT42044A) (<i>Common to ECE,EIE&ECC</i>)/ Calibration & standards (RT42104A)/ Fiber Optic Sensors (RT42104B)/ Telemetry & Tele control (RT42104C)/ System on Chip(RT42044B) (<i>Common to ECE&EIE</i>) | |


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| Information Technology (12) | Distributed Systems (RT42051)/ (Common to CSE, IT) | Management Science (RT42052) (Common to CSE, IT & AME) | Mathematical Optimization (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)/ | ----- | Embedded Systems (RT42043C) (Common to ECE,EIE&ECC) | Elective-IV: Wireless Sensor Networks (RT42044A) (Common to ECE, ECC)/ Real Time Operating Systems (RT42194B) / Network Security & Cryptography (RT42194C) | Elective-III: High Performance Computing (RT42193A)/ EMI/EMC (RT42044E)/ (Common to ECE, ECC) Data Ware Housing & Data Mining(RT42193C) |
| 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) | |

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| Mining Engineering (26) | Production Planning and Control (RT42031) (<i>Common to ME, MINING</i>) | Deep Sea Mining (RT42262A)/ Mine Construction (RT42262B)/ Tunneling Engineering (RT42262C) | Elective-III: Planning Of Underground Metal Mining Project (RT42263A) / Planning Of Underground Coal Mining 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) | |

NOTE:

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

Date : 01-09-2020


Controller of Examinations