



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
 UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH - I SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023

TIME TABLE

TIME : 10.00 AM TO 01.00 PM

| Branch | 02-01-2024 (Tuesday) | 04-01-2024 (Thursday) | 06-01-2024 (Saturday) | 08-01-2024 (Monday) | 10-01-2024 (Wednesday) | 12-01-2024 (Friday) | 18-01-2024 (Thursday) |
|---|--|--|--|---|---|---|---|
| Civil Engineering (01) | Environmental Engineering – II (R1641011) | Water Resource Engineering - II (R1641012) | Geotechnical Engineering - II (R1641013) | Remote sensing and GIS Applications (R1641014) | Elective-I : Finite Element Methods (R164101A)/Ground Improve Techniques (R164101B)/Air Pollution and Control (R164101C)/Urban Hydrology (R164101D)/Traffic Engineering (R164101E) | Elective-II : Advanced Structural Engineering (R164101F)/Advanced Foundation Engineering (R164101G)/Environmental Impact Assessment & Management (R164101H)/Ground Water Development (R164101I)/Pavement Analysis and Design | |
| Electrical & Electronics Engineering (02) | Utilization of Electrical Energy (R1641021) | Linear IC Application (R1641022) | Power Systems Operation & Control (R1641023) | Switch Gear and Protection (R1641024) | Elective-I : Electrical Machine Modeling Analysis (R164102A)/Advanced Control Systems (R164102B)/Programmable Logic Control & Applications (R164102C)/Instrumentation (R164102D) | Elective-II : Optimization Techniques (R164102E)/Electric Power Quality (R164102F)/Special Electrical Machines (R164102G) | |
| Mechanical Engineering (03) | Mechatronics (R1641031) | CAD/CAM (Common to ME & AME) (R1641032) | Finite Element Methods (Common to ME & AME) (R1641033) | Power Plant Engineering (R1641034) | Elective-I : Computational Fluid Dynamics (Common to ME , AME & AE) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B)/Additive Manufacturing (R164103C) | Elective-II : Advanced Materials (R164103D)/Design for Manufacture (R164103E)/Gas Dynamics & Jet Propulsion (R164103F) | |
| Electronics & Communication Engineering (04) | Radar Systems (R1641041) | Digital Image Processing (Common to ECE & EIE & E.COMP.E) (R1641042) | Computer Networks (Common to ECE & EIE) (R1641043) | Optical Communications (R1641044) | Elective-I : TV Engineering (R164104A)/Electronic Switching Systems (R164104B)/System Design through Verilog (R164104C) | Elective-II : Embedded Systems (R164104D)/Analog IC Design(Common to ECE & EIE) (R164104E)/Network Security & Cryptography (R164104F) (Only for ECE) | |
| Computer Science & Engineering (05) | Cryptography and Network Security (Common to CSE, IT) (R1641051) | Software Architecture & Design Patterns (R1641052) | Web Technologies (R1641053) | Managerial Economics and Financial Analysis (Common to CSE & IT) (R1641054) | Elective-I : Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems (Common to CSE & IT) (R164105B) | Elective-II : Cloud Computing (Common to CSE & IT) (R164105D)/Software Project Management (Common to CSE & IT) (R164105E)/Scripting Languages (R164105F) | Mobile Computing (Common to CSE, IT) (R164105C) |



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| Electronics & Instrumentation Engineering (10) | Data Acquisition Systems (R1641101) | Digital Image Processing(Common to ECE , EIE & E.COMP.E) (R1641042) | Computer Networks(Common to ECE & EIE) (R1641043) | Management Science (R1641102) | Elective II: Mixed Signal Design (R164110C)/Robotics & Automation (R164110D)/EMI/EMC (R164110E) | Elective I: Quality and Reliability Engineering Systems (QRES) (R164110A)/Analog IC Design(Common to ECE & EIE) (R164104E)/Digital Control Systems (R164110B) | |
| Information Technology (12) | Cryptography and Network Security (Common to CSE & IT) (R1641051) | | Data Ware Housing and Business Intelligence (R1641121) | Managerial Economics and Financial Analysis (Common to CSE & IT) (R1641054) | Elective I: Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems(Common to CSE & IT) (R164105B)/Internet of Things(R164112A) /Multimedia Programming (R164112B) | Elective II: Cloud Computing(Common to CSE & IT) (R164105D)/Software Project Management(Common to CSE & IT) (R164105E)/Machine Learning (R164112C)/Decision Support System (R164112D) | Mobile Computing (Common to CSE, IT) (R164105C) |
| Electronics & Computer Engineering (19) | Systems Programming (R1641191) | Digital Image Processing(Common to ECE , EIE & E.COMP.E) (R1641042) | Digital Signal Processing (R1641192) | UNIX Programming (R1641193) | Elective I: Artificial Intelligence (R164119A)/Advanced Computer Architecture (R164119B)/Data Communication (R164119C) | Elective II: Web Design (R164119D)/Fuzzy Logic and Neural Networks (R164119E)/Structured Digital Design (R164119F) | |
| Aeronautical Engineering (21) | Theory of Vibrations (R1641211) | Elective I: Airframe Repair and Maintenance (R164121A)/Boundary Layer Theory (R164121B)/Fatigue and Fracture Mechanics (R164121C) | Instrumentation Measurements and Experiments in Fluids (R1641212) | Helicopter Engineering (R1641213) | Computational Fluid Dynamics(Common to ME, AME & Aeronautical) (R164103A) | Elective II: Elements of Combustion (R164121D)/Quality and Reliability Engineering (R164110A)/Hypersonic Aerodynamics (R164121E) | |
| Automobile Engineering (24) | Automotive Chasis and Suspension (R1641241) | CAD/CAM (Common to ME & AME) (R1641032) | Finite Element Methods (Common to ME & AME) (R1641033) | Vehicle Dynamics (R1641242) | Elective II: Micro Processors & Micro Controllers (R164124D)/Computational Fluid Dynamics(Common to ME, AME & Aeronautical) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B) | Elective I: Vehicle Body Engg. & Safety (R164124A)/Industrial Robotics (R164124B)/Automotive Aerodynamics (R164124C) | |



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| Mining Engineering (26) | Computer Applications in Mining (R1641261) | Underground Metal Mining Technology (R1641262) | Rock Mechanics & Ground Control (R1641263) | Mine Legislation & General Safety (R1641264) | Elective I: Rock Slope Engineering (R164126A)/Mine Subsidence Engineering (R164126B)/Rock Fragmentation Engineering (R164126C) | Elective II: Deep Sea Mining (R164126D)/Mine Construction Engineering (R164126E)/Tunneling Engineering (R164126F) | |
| Petroleum Engineering (27) | Integrated Asset Management (R1641271) | Petroleum Reservoir Engineering-II (R1641272) | Surface Production Operations (R1641273) | Oil & Gas Processing Plant Design (R1641274) | Elective I: Natural Gas Hydrates (R164127A)/Pipeline Engineering (R164127B)/Horizontal Well Technology (R164127C) | Elective II: Coal Bed Methane Engineering (R164127D)/Offshore Engineering (R164127E)/Reservoir Stimulation (R164127F) | |
| Agricultural Engineering (35) | Micro Irrigation Engineering (R1641351) | Farm Machinery and Equipments-II (R1641352) | Post Harvest Engineering for Horticulture Produce (R1641353) | Mechanical Measurements and Instrumentation (R1641354) | Elective I : Seed Processing and Storage Engineering (R164135A)/Green House Technologies (R164135B)/Food Processing Plant Design and Layout (R164135C) | Elective II: Watershed Management (R164135D)/Food Packaging Technology (R164135E)/Minor Irrigation and Command area development (R164135F) | |

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: 11-12-2023

Controller of Examinations (UG)