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

T I M E T A B L E

Branch	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
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	21-09-2024 (Saturday)	24-09-2024 (Tuesday)	26-09-2024 (Thursday)	28-09-2024 (Saturday)
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)**

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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:17.08.2024

Controller of Examinations (UG)