



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

**M.TECH II SEMESTER (R19 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, AUGUST - 2023**  
(FOR 2019, 2020, 2021 & 2022 ADMITTED BATCHES)

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

**TIME: 10:00 AM TO 01:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>14-08-2023 (Monday)</b>	<b>16-08-2023 (Wednesday)</b>	<b>18-08-2023 (Friday)</b>	<b>21-08-2023 (Monday)</b>	<b>23-08-2023 (Wednesday)</b>	<b>26-08-2023 (Saturday)</b>
<b>Civil Transportation Engineering (22)</b>	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	<b>Elective III</b> Traffic Flow Analysis (N2205)  <b>Elective III</b> Pavement Construction (N2203)  <b>Elective III</b> Environmental Impact Assessment (N2204)	<b>Elective IV</b> Geosynthetics and Reinforced Earth Structures (N2206)  <b>Elective IV</b> Intelligent Transportation System (N2208)  <b>Elective IV</b> Highway Safety Engineering (N2207)	----	----
<b>Civil Structural Engineering/ Structural Design (87)/(85)</b>	Finite Element Methods in Structural Engineering (N8701)	Theory of Plates and Shells (N8702)	<b>Elective III</b> Stability of Structures (N8703)  <b>Elective III</b> Analysis of Offshore Structures (N8705)	<b>Elective IV</b> Precast and Prefabricated Structures (N8707)  <b>Elective IV</b> Earthquake Resistant Design of Buildings (N8706)	<b>Elective III</b> Advanced Steel Design (N8704)	<b>Elective IV</b> Earth Retaining Structures (N8708)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>14-08-2023 (Monday)</b>	<b>16-08-2023 (Wednesday)</b>	<b>18-08-2023 (Friday)</b>	<b>21-08-2023 (Monday)</b>	<b>23-08-2023 (Wednesday)</b>	<b>26-08-2023 (Saturday)</b>
<b>Civil Computer Aided Structural Analysis and Design (35)</b>	Finite Element Methods in Structural Engineering (N8701)	CAD & Computer Applications in Structural Engineering (N3501)	<b>Elective III</b> Stability of Structures (N8703)  <b>Elective III</b> Analysis of Shells and Folded Plates (N3502)	<b>Elective IV</b> Earthquake Resistant Design of Buildings (N8706)  <b>Elective IV</b> Precast and Prefabricated Structures (N8707)  <b>Elective IV</b> Management Information Systems (N3503)	<b>Elective III</b> Advanced Steel Design (N8704)	----
<b>Civil Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering (19)/(20)</b>	<b>Elective III</b> Pavement Analysis Design & Evaluation (N2201)	Advanced Foundation Engineering (N2001)	<b>Elective III</b> Construction Planning & Methods (N2003)  <b>Elective III</b> Geotechnical Earthquake Engineering (N2004)	<b>Elective IV</b> Numerical Methods in Geotechnical Engineering (N2007)  <b>Elective IV</b> Earth Dams (N2005)  <b>Elective IV</b> Construction in Expansive Soils (N2006)	----	Earth Retaining Structures (N2002)
<b>Civil Highway Engineering (23)</b>	Pavement Analysis & Design (N2201)	Pavement Construction, Maintenance & Management (N2301)	<b>Elective III</b> Land use and Transportation Modeling (N2302)  <b>Elective III</b> Transportation Systems and Management (N2303)	<b>Elective III</b> Highway Safety Engineering (N2207)	<b>Elective IV</b> Environmental Impact Assessment for Transportation Projects (N2304)  <b>Elective IV</b> GIS Applications in Transportation Engineering (N2305)  <b>Elective IV</b> Highway Project Formulation and Economics (N2306)	----

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<b>Civil Environmental Engineering (86)</b>	Air and Noise Pollution Control (N8601)	Solid and Hazardous Waste Management (N8602)	<b>Elective III</b> Environmental Impact Assessment (N8603)  <b>Elective III</b> Environmental Systems Analysis (N8605)  <b>Elective III</b> Green Technologies (N8604)	<b>Elective IV</b> Occupational, Environmental Health and Safety (N8607)  <b>Elective IV</b> Disaster Management (N8606)  <b>Elective IV</b> Air Quality Modelling and Management (N8608)	----	----

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<b>CSE Computer Networks &amp; Information Security (84)</b>	Principles of Cyber Security (N8401)	Cyber Crime Investigation and Digital Forensics (N8402)	<b>Elective IV</b> Cloud & IoT Security (N8408)	<b>Elective IV</b> Applied Cryptography (N8409)	<b>Elective III</b> Wireless and Mobile Security (N8403) <b>Elective III</b> Firewall and VPN Security (N8405) <b>Elective III</b> Information Theory & Coding (N8406) <b>Elective III</b> Android Security Design and Internals (N8404)	<b>Elective IV</b> Vulnerability Assessment & Penetration Testing (N8407)  <b>Elective IV</b> Secure Coding (N8410)
<b>CSE Computer Science &amp; Engineering (58)</b>	<b>Elective III</b> Advanced Databases and Mining (N5803)	MEAN Stack Technologies (N5802)	Machine learning (N5801)	<b>Elective III</b> Ad Hoc & Sensor Networks (N5804)	<b>Elective III</b> Soft Computing (N5805)	<b>Elective IV</b> Cloud Computing (N5806)  <b>Elective IV</b> High Performance Computing (N5808)  <b>Elective IV</b> Principles of computer security (N5807)

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<b>CSE Computer Science &amp; Technology (59)</b>	<b>Elective IV Full Stack Technologies (N5907)</b>	<b>Advanced Algorithms (N5901)</b>	<b>Machine Learning (N5801)</b>	<b>Elective III Advanced Network Principles and Protocols (N5902)</b>  <b>Elective III Open Source Programming (N5904)</b>  <b>Elective III Internet of Things (N5903)</b>	<b>Elective III Soft Computing (N5805)</b>  <b>Elective III Pattern Recognition (N5905)</b>	<b>Elective IV Parallel Algorithms (N5908)</b>  <b>Elective IV Natural Language Processing (N5906)</b>  <b>Elective IV Distributed Databases (N5910)</b>  <b>Elective IV Object Oriented Software Engineering (N5909)</b>
<b>CSE Information Technology (40)</b>	<b>Full Stack Technologies (N5907)</b>	<b>Advanced Algorithms (N5901)</b>	<b>Elective III Machine Learning (N5801)</b>	<b>Elective III Advanced Network Principles and Protocols (N5902)</b>  <b>Elective III Dev Ops (N4001)</b>  <b>Elective III Distributed Computing (N4002)</b>  <b>Elective III Social Network Analytics (N4003)</b>	<b>Elective IV Soft Computing (N5805)</b>  <b>Elective IV Digital Image Processing (N4004)</b>	<b>Elective IV Block Chain Technologies (N4005)</b>  <b>Elective IV Data Science (N4006)</b>  <b>Elective IV Natural Language Processing (N5906)</b>
<b>CSE Computer Networks (94)</b>	<b>Network Security (N9401)</b>	<b>Wireless Sensor Networks (N9402)</b>	<b>Elective III Web Security (N9403)</b>	<b>Elective III Intrusion Detection &amp; Prevention Systems (N9404)</b>  <b>Elective III Internet of Things (N5903)</b>	<b>Elective IV Firewall &amp; VPN Security (N9405)</b>  <b>Elective IV Service Oriented Architecture (N9407)</b>	<b>Elective IV Machine Learning (N9406)</b>

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<b>CSE Neural Networks (69)</b>	Deep Learning (N6901)	<b>Elective III Computer Vision (N6902)</b>	<b>Elective III Big Data Analytics (N6903)</b>	<b>Elective III Remote Sensing (N6904)</b>	Soft Computing (N5805)	<b>Elective IV Cognitive Systems (N6905)</b>  <b>Elective IV Natural Language Processing (N5906)</b>  <b>Elective IV Knowledge Discovery (N6906)</b>
<b>CSE Cyber Security (26)</b>	----	Malware Analysis & Reverse Engineering (N2601)	<b>Elective III Data Privacy (N2602)</b>  <b>Elective III Machine Learning (N5801)</b>  <b>Elective III Cloud and IoT Security (N8408)</b>	<b>Elective IV Principles of Secure Coding (N2603)</b>  <b>Elective IV Applied Cryptography (N8409)</b>	<b>Elective IV Security Assessment and Risk Analysis. (N2604)</b>	Vulnerability Assessment & Penetration Testing (N8407)
<b>CSE Computer Science (05)</b>	Data Science through Python Programming (N0501)	Advanced Algorithms (N5901)	<b>Elective III Machine Learning (N5801)</b>	<b>Elective III Ad hoc and Sensor Networks (N5804)</b>  <b>Elective III Internet of Things (N5903)</b>	<b>Elective IV Cryptography and network Security (N0502)</b>  <b>Elective IV Web Technologies (N0503)</b>	<b>Elective IV Cloud Computing (N5806)</b>
<b>CSE Data Science (88)</b>	<b>Elective III Natural Language Processing (N8801)</b>	Advanced Algorithms (N5901)	Machine Learning Techniques (N5801)	<b>Elective IV Principles of Deep Learning (N8802)</b>	<b>Elective IV Image and Video Analytics (N8803)</b>  <b>Elective IV Principles of Data Security (N8804)</b>	<b>Elective III Cloud Computing (N5806)</b>  <b>Elective III High Performance Computing (N5808)</b>

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<b>CSE Software Engineering (25)</b>	<b>Elective III Software Testing Methodologies (N2503)</b>	<b>Mathematical Foundations of Computer Science (N2502)</b>	<b>Service Oriented Architecture (N2501)</b>	<b>Elective III Agile Software Development (N2504)</b>	<b>Elective IV Secure Software Engineering (N2506)</b>  <b>Elective IV Design patterns (N2508)</b>  <b>Elective IV Big Data Analytics (N2507)</b>	<b>Elective III ERP &amp; Supply Chain Management (N2505)</b>

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<b>Mechanical Advanced Manufacturing &amp; Mechanical System Design (13)</b>	Advanced Manufacturing Processes-II (N1301)	Computer Integrated Manufacturing (N1302)	<b>Elective III</b> Finite Element Methods (N1303)	<b>Elective IV</b> Advanced CNC Technologies (N1307)	<b>Elective III</b> MEMS & Micro systems (N1305)  <b>Elective III</b> Concurrent Engineering (N1304)	<b>Elective IV</b> Production and Operation Management (N1306)  <b>Elective IV</b> Supply Chain Management (N1308)
<b>Mechanical Advanced Manufacturing Systems (17)</b>	Simulation of Manufacturing Systems (N1701)	Computer Integrated Manufacturing (N1302)	<b>Elective III</b> Finite Element Methods (N1303)	<b>Elective IV</b> Advanced CNC Technologies (N1307)	<b>Elective III</b> MEMS & Micro systems (N1305)  <b>Elective III</b> Concurrent Engineering (N1304)	<b>Elective IV</b> Production and Operation Management (N1306)  <b>Elective IV</b> Supply Chain Management (N1308)
<b>Mechanical Computer Aided Design &amp; Manufacturing (09)</b>	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0902)	<b>Elective III</b> Advanced Finite Element Methods (N1303)  <b>Elective III</b> Fracture Mechanics (N0903)	<b>Elective IV</b> Additive Manufacturing (N0907)  <b>Elective IV</b> Optimization & Reliability (N0906)	<b>Elective III</b> Product Design and Development (N0904)	<b>Elective IV</b> Materials Characterization Techniques (N0905)

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<p align="center"><b>Mechanical</b></p> <p align="center"><b>CAD/ CAM</b></p> <p align="center"><b>(04)</b></p>	<p align="center">Theory of Elasticity and Plasticity (N0901)</p>	<p align="center">Advanced Manufacturing Processes (N0401)</p>	<p align="center"><b>Elective III</b> Advanced Finite Element Methods (N1303)</p> <p align="center"><b>Elective III</b> Fracture Mechanics (N0903)</p>	<p align="center"><b>Elective IV</b> Additive Manufacturing (N0907)</p> <p align="center"><b>Elective IV</b> Optimization &amp; Reliability (N0906)</p>	<p align="center"><b>Elective III</b> Product Design and Development (N0904)</p>	<p align="center"><b>Elective IV</b> Materials Characterization Techniques (N0905)</p>
<p align="center"><b>Mechanical</b></p> <p align="center"><b>Machine Design</b></p> <p align="center"><b>(15)</b></p>	<p align="center">Advanced Machine Design (N1501)</p>	<p align="center"><b>Elective III</b> Theory of Plasticity (N1502)</p>	<p align="center">Advanced Finite Element Methods (N1303)</p>	<p align="center"><b>Elective III</b> Computational Fluid Dynamics (N1504)</p> <p align="center"><b>Elective III</b> Signal Analysis and Condition Monitoring (N1503)</p> <p align="center"><b>Elective III</b> Soft Computing (N1506)</p>	<p align="center"><b>Elective IV</b> Mechatronics (N1509)</p> <p align="center"><b>Elective IV</b> Experimental Techniques and data analysis (N1507)</p> <p align="center"><b>Elective IV</b> Design with advanced Materials (N1508)</p> <p align="center"><b>Elective IV</b> Tribology (N1510)</p> <p align="center"><b>Elective IV</b> Experimental Modal Analysis (N1511)</p>	<p align="center"><b>Elective III</b> Composite Materials (N1505)</p>

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<p align="center"><b>Mechanical</b> <b>Mechanical Engineering</b> <b>Design</b> <b>(14)</b></p>	<p align="center">Advanced Machine Design (N1501)</p>	<p align="center"><b>Elective III</b> Theory of Plasticity (N1502)</p>	<p align="center">Advanced Finite Element Methods (N1303)</p>	<p align="center"><b>Elective III</b> Computational Fluid Dynamics (N1504)</p> <p align="center"><b>Elective III</b> Signal Analysis and Condition Monitoring (N1503)</p> <p align="center"><b>Elective III</b> Computer Aided Mechanical Design and Analysis (N1401)</p>	<p align="center"><b>Elective IV</b> Mechatronics (N1509)</p> <p align="center"><b>Elective IV</b> Tribology (N1510)</p> <p align="center"><b>Elective IV</b> Experimental Modal Analysis (N1511)</p> <p align="center"><b>Elective IV</b> Design with advanced Materials (N1508)</p> <p align="center"><b>Elective IV</b> Experimental Techniques and data analysis (N1507)</p>	<p align="center"><b>Elective III</b> Composite Materials (N1505)</p>
<p align="center"><b>Mechanical</b> <b>Thermal Engineering</b> <b>(21)</b></p>	<p align="center">Advanced Heat and Mass Transfer (N2101)</p>	<p align="center">Thermal Measurements and Process Controls (N2102)</p>	<p align="center"><b>Elective III</b> Equipment Design for Thermal Systems (N2103)</p> <p align="center"><b>Elective III</b> Solar Energy Technologies (N2104)</p>	<p align="center"><b>Elective IV</b> Jet Propulsion and Rocket Engineering (N2107)</p> <p align="center"><b>Elective IV</b> Modeling of I.C engines (N2109)</p>	<p align="center"><b>Elective III</b> Advanced Power Plant Engineering (N2105)</p> <p align="center"><b>Elective III</b> Combustion, Emissions and Environment (N2106)</p>	<p align="center"><b>Elective IV</b> Automotive Engineering (N2108)</p> <p align="center"><b>Elective IV</b> Renewable Energy Technologies (N2110)</p>

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<p align="center"><b>Mechanical Automobile Engineering (AA)</b></p>	<p align="center">Vehicle Body Engineering (NAA01)</p>	<p align="center">Vehicle Dynamics (NAA02)</p>	<p align="center"><b>Elective IV</b> Advanced Finite Element Methods (N1303)</p> <p align="center"><b>Elective IV</b> Advanced Metal Forming (NAA07)</p> <p align="center"><b>Elective IV</b> Automotive Safety and Maintenance (NAA08)</p> <p align="center"><b>Elective IV</b> Vehicle Control Systems (NAA09)</p> <p align="center"><b>Elective IV</b> Simulation of Vehicle Systems (NAA10)</p>	<p align="center"><b>Elective III</b> Noise, Vibrations and Harshness (NAA03)</p> <p align="center"><b>Elective III</b> Automotive System Components Design (NAA06)</p>	<p align="center"><b>Elective III</b> Condition Monitoring (NAA04)</p>	<p align="center"><b>Elective III</b> Automotive Air- Conditioning Systems (NAA05)</p>
<p align="center"><b>Mechanical Thermal Sciences And Energy Systems (18)</b></p>	<p align="center">Solar Energy and Fuel Cell Technologies (N1801)</p>	<p align="center">Energy Conservation and Management (N1802)</p>	<p align="center"><b>Elective III</b> Energy Systems Modeling and Analysis (N1803)</p> <p align="center"><b>Elective III</b> Energy Economics and Planning (N1804)</p>	<p align="center"><b>Elective IV</b> Waste Heat Recovery Systems (N1807)</p> <p align="center"><b>Elective IV</b> Design of Heat Transfer Equipment (N1808)</p> <p align="center"><b>Elective IV</b> Combustion, Emissions and Environment (N1809)</p> <p align="center"><b>Elective IV</b> Green Buildings (N1810)</p>	<p align="center"><b>Elective III</b> Optimization Techniques and Applications (N1805)</p>	<p align="center"><b>Elective III</b> Biomass, Wind and Ocean Energy (N1806)</p>

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<b>Mechanical Computer Aided Analysis &amp; Design (16)</b>	Advanced Mechanisms (N1601)	<b>Elective III</b> Design for Manufacturing (N1602)	<b>Elective III</b> Advanced Finite Element Methods (N1303)  <b>Elective III</b> Fracture Mechanics (N0903)	Optimization and Reliability (N0906)	<b>Elective IV</b> Tribology in Design (N1510)	<b>Elective IV</b> Rapid Prototyping & Tool Design (N1604)  <b>Elective IV</b> Industrial Robotics (N1603)
<b>Mechanical Mining Engineering (BB)</b>	Mine Safety Management (NBB01)	Mine Ventilation and Planning (NBB02)	<b>Elective III</b> Surface Mine Environmental Engineering (NBB03)  <b>Elective III</b> Mine System Engineering (NBB04)	<b>Elective IV</b> Advanced Underground Mine Planning and Design (NBB07)  <b>Elective IV</b> Numerical Methods in Geotechnical Engineering (NBB08)	<b>Elective III</b> Sustainable Mining Industry (NBB05)	<b>Elective IV</b> Geo- Statistics (NBB06)
<b>Petroleum Engineering (08)</b>	Artificial Lift Techniques. (N0801)	Reservoir Modeling & Simulation. (N0802)	<b>Elective III</b> Advanced EOR Techniques (N0803)	<b>Elective III</b> Advanced well Completions (N0804)	<b>Elective IV</b> Flow Assurance (N0805)	<b>Elective IV</b> Advanced Horizontal well Technology (N0806)

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<b>ECE</b> <b>Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing</b>  (46,80)	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	<b>Elective III</b> IOT and Applications (N4603)	<b>Elective III</b> Wireless Sensor Networks (N4604)	<b>Elective III</b> Soft Computing Techniques (N4605)	<b>Elective IV</b> Smart Antennas (N4606)  <b>Elective IV</b> Biomedical Signal Processing (N4607)  <b>Elective IV</b> Optical Networks (N4608)
<b>ECE</b> <b>Communication Systems</b> (47)	<b>Elective IV</b> DSP Processors and Architectures (N4706)	Wireless Communications and Networks (N4701)	Image and Video Processing (N4702)	<b>Elective III</b> Internet Protocols (N4703)  <b>Elective III</b> Cyber Security (N4704)	<b>Elective III</b> Soft Computing Techniques (N4605)	<b>Elective IV</b> Radio and Navigational Aids (N4707)  <b>Elective IV</b> Optical Networks (N4705)
<b>ECE</b> <b>Digital Electronics &amp; Communication Engineering/ Digital Electronics &amp; Communication Systems/ Electronics &amp; Communication Engineering</b> (37,38,70)	<b>Elective IV</b> DSP Processors and Architectures (N4706)	Wireless Communications and Networks (N4701)	Image and Video Processing (N4702)	<b>Elective III</b> CMOS Analog & Digital IC Design (N3701)	<b>Elective III</b> Advanced Computer Architecture (N3702)  <b>Elective III</b> Soft Computing Techniques (N4605)	<b>Elective IV</b> EMI/ EMC (N3703)  <b>Elective IV</b> Object Oriented Programming (N3704)

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<p><b>ECE</b> <b>Digital System &amp; Computer Electronics (DSCE)</b> <b>(06)</b></p>	DSP Processors and Architectures <b>(N4706)</b>	<b>Elective III</b> System On Chip Design <b>(N0602)</b>	Internet Of Things & Applications <b>(N0601)</b>	<b>Elective III</b> Cyber Security <b>(N4704)</b>	<b>Elective III</b> Soft Computing Techniques <b>(N4605)</b>	<p><b>Elective IV</b> High Speed Networks <b>(N0604)</b></p> <p><b>Elective IV</b> EMI/EMC <b>(N3703)</b></p> <p><b>Elective IV</b> Embedded Real Time Operating Systems <b>(N0603)</b></p>
<p><b>ECE</b> <b>System &amp; Signal Processing/ Digital Image Processing</b> <b>(45,63)</b></p>	Pattern Recognition and Machine Learning <b>(N4601)</b>	Detection and Estimation Theory <b>(N4602)</b>	<b>Elective III</b> IOT and Applications <b>(N4603)</b>	<b>Elective III</b> Wireless Sensor Networks <b>(N4604)</b>	<b>Elective III</b> Soft Computing Techniques <b>(N4605)</b>	<p><b>Elective IV</b> Audio/Video Coding &amp; Compression <b>(N4501)</b></p> <p><b>Elective IV</b> Biomedical Signal Processing <b>(N4607)</b></p> <p><b>Elective IV</b> Optical Networks <b>(N4608)</b></p>
<p><b>ECE</b> <b>Embedded Systems</b> <b>(55)</b></p>	<b>Elective IV</b> Physical Design Automation <b>(N5508)</b>	Real Time Operating Systems <b>(N5502)</b>	<b>Elective III</b> Memory Architectures <b>(N5503)</b>	<p><b>Elective III</b> SoC Design <b>(N5504)</b></p> <p><b>Elective III</b> Sensors &amp; Actuators <b>(N5505)</b></p>	Digital System Design <b>(N5501)</b>	<p><b>Elective IV</b> Communication Buses and Interfaces <b>(N5506)</b></p> <p><b>Elective IV</b> Network Security and Cryptography <b>(N5507)</b></p>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>14-08-2023 (Monday)</b>	<b>16-08-2023 (Wednesday)</b>	<b>18-08-2023 (Friday)</b>	<b>21-08-2023 (Monday)</b>	<b>23-08-2023 (Wednesday)</b>	<b>26-08-2023 (Saturday)</b>
<b>ECE</b> VLSI & Embedded Systems, Embedded System & VLSI, VLSID&ES, ES&VLSID  (68,48,77,81)	<b>Elective IV</b> Physical Design Automation (N5508)	Real Time Operating Systems (N5502)	<b>Elective III</b> Memory Architectures (N5503)	<b>Elective III</b> SoC Design (N5504)  <b>Elective III</b> Low power VLSI Design (N6802)	Analog and Digital CMOS VLSI Design (N6801)	<b>Elective IV</b> Communication Buses and Interfaces (N5506)  <b>Elective IV</b> Network Security and Cryptography (N5507)
<b>ECE</b> VLSI, VLSI Design, VLSI System Design, VLSI Micro-Electronics  (57,72,61,76)	Physical Design Automation (N5508)	Mixed Signal & RF IC Design (N5701)	<b>Elective III</b> VLSI Signal Processing (N5703)  <b>Elective III</b> IOT & its Applications (N0601)	<b>Elective III</b> Design For Testability (N5702)	<b>Elective IV</b> Microcontrollers & programmable Digital Signal Processors (N5704)	<b>Elective IV</b> Low Power VLSI Design (N5705)  <b>Elective IV</b> Network Security & Cryptography (N5507)

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(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above time table immediately



Date: 01-08-2023

Controller of Examinations(PG)



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

**M.TECH II SEMESTER (R19 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, AUGUST – 2023**  
(FOR 2019, 2020 & 2021 ADMITTED BATCHES)

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

**TIME: 10:00 AM TO 01:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>14-08-2023 (Monday)</b>	<b>16-08-2023 (Wednesday)</b>	<b>18-08-2023 (Friday)</b>	<b>21-08-2023 (Monday)</b>	<b>23-08-2023 (Wednesday)</b>	<b>26-08-2023 (Saturday)</b>
<b>EEE</b> <b>Control Systems/Control Engineering</b> <b>(95,28)</b>	<b>Elective III</b> Robotics and Control <b>(N9504)</b>	Non-Linear Systems Analysis <b>(N9501)</b>	<b>Elective III</b> Advanced Digital Signal Processing <b>(N9503)</b>	Optimal Control Theory <b>(N9502)</b>	<b>Elective III</b> Large scale systems <b>(N9505)</b>	<b>Elective IV</b> Process Control and Automation <b>(N9506)</b>  <b>Elective IV</b> Decision and Estimation Theory <b>(N9507)</b>  <b>Elective IV</b> Embedded Computer Control <b>(N9508)</b>
<b>EEE</b> <b>High Voltage Engineering/ Power Systems with emphasis on H. V. Engineering/ High Voltage and Power Systems Engineering</b> <b>(62,29,64)</b>	High Voltage Testing Techniques <b>(N6201)</b>	<b>Elective IV</b> EHVAC Transmission <b>(N6207)</b>  <b>Elective IV</b> Flexible AC Transmission Systems <b>(N6206)</b>  <b>Elective IV</b> Smart Grid Technologies <b>(N6208)</b>	Surge Phenomenon & Insulation Coordination <b>(N6202)</b>	<b>Elective III</b> Gas Insulated Systems and Substations <b>(N6204)</b>	<b>Elective III</b> Pulse Power Engineering <b>(N6205)</b>	<b>Elective III</b> Partial Discharge in HV Equipment <b>(N6203)</b>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>14-08-2023 (Monday)</b>	<b>16-08-2023 (Wednesday)</b>	<b>18-08-2023 (Friday)</b>	<b>21-08-2023 (Monday)</b>	<b>23-08-2023 (Wednesday)</b>	<b>26-08-2023 (Saturday)</b>
<b>EEE Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives / Power Electronics and Drives/ Power Electronics and systems/ Electrical Machines and Drives (43,42,54,52,12,44)</b>	Switched Mode Power Conversion (N4301)	Power Electronic Control of Electrical Drives (N4302)	<b>Elective IV</b> Advanced Digital Signal Processing (N9503)	<b>Elective III</b> Control & Integration of Renewable Energy Systems (N4303)  <b>Elective III</b> Hybrid Electric Vehicles (N4304)  <b>Elective III</b> Digital Control Systems (N4305)	<b>Elective IV</b> Applications of Power Converters (N4306)	<b>Elective IV</b> Microcontrollers (N4307)
<b>EEE Power Electronics &amp; Power systems (99)</b>	Switched Mode Power Conversion (N4301)	<b>Elective IV</b> EHVAC Transmission (N6207)  <b>Elective IV</b> Flexible AC Transmission Systems (N6206)	Real Time Control of Power Systems (N9901)	<b>Elective III</b> Electrical Machine Modeling & Analysis (N9902)  <b>Elective III</b> DSP Controlled Drives (N9903)	<b>Elective III</b> Applications of Power Converters (N4306)	<b>Elective IV</b> Power System Dynamics & Stability (N9904)
<b>EEE Power Systems/ Power System Control And Automation/ Power System Engineering/ Power System Control / Advanced Power Systems/ Electrical Power Engineering/ Power Engineering &amp; Energy Systems Electrical Power Systems, Power System and Automation (56,53,30,31,50,60,65,66)</b>	<b>Elective IV</b> Generation & Measurement of High Voltages (N5601)	<b>Elective III</b> EHVAC Transmission (N6207)  <b>Elective III</b> Flexible AC Transmission Systems (N6206)	Real Time Control of Power Systems (N9901)	<b>Elective III</b> Hybrid Electric Vehicles (N4304)	<b>Elective IV</b> Evolutionary Algorithms and Applications (N5602)  <b>Elective IV</b> Programmable Logic Controllers & Applications (N5603)	Power System Dynamics and Stability (N9904)

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