



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

**M.TECH I SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER-2024**

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

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

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Civil Transportation Engineering</b>  (22)	Advanced Highway Engineering (M2201)	<b>Elective-II</b> GIS for Transportation (M2206)  <b>Elective-II</b> Pavement Management System (M2207)  <b>Elective-II</b> Transportation Modeling and Simulation (M2208)	Advanced Traffic Engineering (M2202)	<b>Elective-I</b> Ground Improvement Technique (M2205)	<b>Elective-I</b> Project Management (M2204)  <b>Elective-I</b> Bridge Engineering (M2203)	Research Methodology and IPR (M0109A)
<b>Civil Structural Engineering/ Structural Design</b>  (87)/(85)	Advanced Concrete Technology (M8709)	<b>Elective-I</b> Analytical & Numerical Methods for Structural Engineering (M8704) <b>Elective-I</b> Matrix Analysis of Structures (M8703) <b>Elective-I</b> Design of Reinforced Concrete Foundations (M8705)	Structural Dynamics (M8702)	Theory of Elasticity (M8701)	<b>Elective-II</b> Bridge Engineering (M8706)	<b>Elective-II</b> Repair and Rehabilitation of Structures (M8707)  <b>Elective-II</b> Advanced Reinforced Concrete Design (M8708)
<b>Civil Computer Aided Structural Analysis and Design</b>  (35)	Advanced Concrete Technology (M8709)	<b>Elective-I</b> Matrix Analysis of Structures (M8703)  <b>Elective-I</b> Analytical & Numerical Methods for Structural Engineering (M8704)	<b>Elective-I</b> Structural Dynamics (M8702)	Theory of Elasticity (M8701)	C++ and Data Structures (M3501)	<b>Elective-II</b> Modeling, Simulation and Computer Applications (M3502) <b>Elective-II</b> Repair and Rehabilitation of Structures (M8707) <b>Elective-II</b> Advanced Reinforced Concrete Design (M8708)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Civil</b>  <b>Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering (19)/(20)</b>	Soil Investigation /Soil Exploration (M2002)	Advanced Soil Mechanics (M2001)	<b>Elective-II</b> Design with Geo-synthetics (M2006)  <b>Elective-II</b> Rock Mechanics (M2007)  <b>Elective-II</b> Remote Sensing and Geographical Information Systems (M2008)	<b>Elective-I</b>  Ground Improvement Techniques (M2003)	<b>Elective-I</b> Soil- Foundation Interaction. (M2004)  <b>Elective-I</b> Critical State Soil Mechanics (M2005)	Research Methodology and IPR (M0109)
<b>Civil</b>  <b>Highway Engineering (23)</b>	Highway Infrastructure Design (M2301)	----	Advanced Traffic Engineering (M2202)	<b>Elective – II</b> Advanced Concrete Technology (M2305)  <b>Elective – II</b> Remote Sensing & Global Positioning Systems (M2303)  <b>Elective – II</b> Engineering of Ground (M2304)	<b>Elective – I</b> Applied Statistics (M2302)  <b>Elective – I</b> Project Management (M2204)  <b>Elective – I</b> Bridge Engineering (M2203)	Research Methodology and IPR (M0109A)
<b>Civil</b>  <b>Environmental Engineering (86)</b>	Advanced Numerical Methods and Applied Statistics (M8601)	<b>Elective – I</b> Unit Operations and Processes in Water and Wastewater Treatment (M8603)	Industrial Water and Wastewater Management (M8602)	<b>Elective – I</b> Remote Sensing and GIS Applications in Environmental Engineering (M8605)  <b>Elective – I</b> Environmental Hydrology and Hydraulics (M8604)	<b>Elective – II</b> Urban Strom water Management (M8607)  <b>Elective – II</b> Environmental Legislations and Management Systems (M8608)  <b>Elective – II</b> Environmental Chemistry and Microbiology (M8606)	Research Methodology and IPR (M0109)

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**Date: 07.08.2024**

**Controller of Examinations (PG)**



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BRANCH & SPECIALIZATION	05-09-2024 (Thursday)	06-09-2024 (Friday)	09-09-2024 (Monday)	10-09-2024 (Tuesday)	11-09-2024 (Wednesday)	12-09-2024 (Thursday)
<b>CSE</b>  <b>Computer Science (05)</b>	Advanced Data Structures (M0502)	Mathematical Foundations of Computer Science (M0501)	<b>Elective – I</b>  Advanced Computer Architecture (M0503)	<b>Elective – II</b> Advanced Data Bases (M0505)  <b>Elective – II</b> Object Oriented Software Engineering (M0507)  <b>Elective – II</b> Advanced Computer Networks (M0506)	<b>Elective – I</b> Parallel Computing (M0504)  <b>Elective – I</b> Advanced Operating Systems (M5805)	Research Methodology and IPR (M0109)
<b>CSE</b>  <b>Software Engineering (25)</b>	Advanced Data Structures (M5802)	Software Engineering (M2501)	----	<b>Elective – II</b> Internet of Things (M2506)  <b>Elective – II</b> Cloud Computing (M2505)  <b>Elective – II</b> Software Quality Assurance and Testing (M2504)	<b>Elective – I</b> Software Project and Process Management (M2502)  <b>Elective – I</b> Machine Learning (M6902)  <b>Elective – I</b> E-Commerce (M2503)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	05-09-2024 (Thursday)	06-09-2024 (Friday)	09-09-2024 (Monday)	10-09-2024 (Tuesday)	11-09-2024 (Wednesday)	12-09-2024 (Thursday)
CSE Cyber Security (26)	Advanced Data Structures (M8402)	Principles of Cyber Security (M2601)	<b>Elective – II</b> Database and Web Application Security (M2606)  <b>Elective – II</b> Secure Software Design and Development (M2607)  <b>Elective – II</b> Wireless Network Security (M2608)  <b>Elective – II</b> Cyberspace Operations and Design (M2609)	----	<b>Elective – I</b> Cryptanalysis (M2602)  <b>Elective – I</b> Cyber Crime Investigation & Digital Forensics (M2603)  <b>Elective – I</b> Operating System Security (M2604)  <b>Elective – I</b> Firewall and VPN Security (M2605)	Research Methodology and IPR (M0109)
CSE Information Technology (40)	Advanced Data Structures (M8402)	Discrete Mathematical Structures (M4001)	<b>Elective – I</b> Parallel Computer Architecture (M5911)  <b>Elective – II</b> Big Data Analytics (M5907)	<b>Elective – I</b> Internet of Things (M5807)  <b>Elective – I</b> Optimization Techniques (M5906)	<b>Elective – I</b> Artificial Intelligence (M5902)  <b>Elective – I</b> Service Oriented Architecture and Web Security (M4002)	<b>Elective – II</b> Imaging and Multimedia Systems (M4005)  <b>Elective – II</b> Principles of Cryptography (M4003)  <b>Elective – II</b> Cluster and Grid Computing (M4004)  <b>Elective – II</b> Advanced Graph Theory (M4006) Research Methodology and IPR (M0109)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>CSE Neural Networks (69)</b>	Advanced Data Structures (M8402)	Artificial Neural Networks (M6901)	<b>Elective – II</b> Data Warehousing and Datamining (M6905)  <b>Elective – II</b> Recommender Systems (M6906)  <b>Elective – II</b> Pattern Recognition (M6907)	----	<b>Elective – I</b> Machine Learning (M6902)  <b>Elective – I</b> Intelligent Systems (M6903)  <b>Elective – I</b> Expert Systems (M6904)	Research Methodology and IPR (M0109)
<b>CSE Computer Networks &amp; Information Security (84)</b>	Advanced Data Structures (M8402)	Transport Control Protocol/Internet Protocol (M8401)	<b>Elective – I</b> Advanced Computer Networks (M8403)	<b>Elective – I</b> Distributed Systems (M8404)	<b>Elective – I</b> Intrusion Detection & Prevention Systems (M8405)	<b>Elective – II</b> Data Storage Technologies and Networks (M8406) <b>Elective – II</b> Wireless Sensor Networks (M8407) Research Methodology and IPR (M0109)  <b>Elective – II</b> Network Programming (M8408)
<b>CSE  Computer Science &amp; Technology (59)</b>	Advanced Data Structures (M8402)	Mathematical Foundations of Computer Science (M5901)	<b>Elective – II</b> Parallel Computer Architecture (M5911)  <b>Elective – II</b> Applied Cryptography (M5908) <b>Elective – II</b> Embedded Computing (M5910) <b>Elective – II</b> Big Data Analytics (M5907) <b>Elective – II</b> Advanced Computer Networks (M5909)	<b>Elective – I</b> Optimization Techniques (M5906)  <b>Elective – I</b> Cloud Computing (M5903)  <b>Elective – I</b> Advanced Operating Systems (M5905)	<b>Elective – I</b> Artificial Intelligence (M5902)  <b>Elective – I</b> Digital Image Processing (M5904)	Research Methodology and IPR (M0109)

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<b>CSE</b>  <b>Computer Science &amp; Engineering</b>  (58)	Advanced Data Structures & Algorithms (M5802)	Mathematical Foundations of Computer Science (M5801)  Mathematical Foundations of Computer Science (M0501)	<b>Elective – I</b> Big Data Analytics (M5803)	<b>Elective – II</b> Internet of Things (M5807)  <b>Elective – II</b> Object oriented Software Engineering (M5808)  <b>Elective – II</b> Advanced Computer Networks (M5806)	<b>Elective – I</b> Digital Image Processing (M5804)  <b>Elective – I</b> Advanced Operating Systems (M5805)	Research Methodology and IPR (M0109)
<b>CSE</b> <b>Computer Networks</b> (94)	Advanced Data Structures (M8402)	Transport Control Protocol/Internet Protocol (M8401)	<b>Elective – II</b> Grid and Cluster Computing (M9404)  <b>Elective – II</b> Wireless Networks (M9405)	<b>Elective – II</b> Distributed Systems (M8404)	<b>Elective – I</b> Software Defined Networks (M9401)  <b>Elective – I</b> Network Coding Theory (M9402)  <b>Elective – I</b> Adhoc & Sensor Networks (M9403)	Research Methodology and IPR (M0109)
<b>CSE</b> <b>Data Science (88)</b>	Data Predictive Analytics (M8801)	Data Science Applications with Python (M8802)	<b>Elective – II</b> Social Network and Semantic Web (M8805)  <b>Elective – II</b> Big Data Analytics (M5803)	<b>Elective – II</b> Internet of Things (M2506)	<b>Elective – I</b> Data Warehousing (M8803)  <b>Elective – I</b> Artificial Intelligence (M8804)	<b>Elective – I</b> Advanced Graph Theory (M4006)  Research Methodology and IPR (M0109)

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<b>Mechanical</b>  <b>Thermal Engineering</b> (21)	Computational Fluid Dynamics (M2102)	<b>Elective-I</b> Advanced Thermodynamics (M2106)	<b>Elective-II</b> Alternative Fuels Technologies (M2108)  <b>Elective-II</b> Energy Conservation and management (M2109)  <b>Elective-II</b> Gas Turbines (M2107)  <b>Elective-II</b> Theory and Technology of Fuel Cells (M2110)	Advanced Fluid Mechanics (M2101)	<b>Elective-I</b> Advanced IC Engines, Electric and Hybrid vehicles (M2103)  <b>Elective-I</b> Cryogenic Engineering (M2105)  <b>Elective-I</b> GAS Dynamics (M2104)	Research Methodology and IPR (M0109)
<b>Mechanical</b>  <b>Thermal Sciences and Energy Systems</b> (18)	Computational Fluid Dynamics (M2102)	<b>Elective – I</b> Advanced Thermodynamics (M2106)	Advanced Heat Transfer (M1801)  <b>Elective – II</b> Alternative Fuel Technologies (M2108)	<b>Elective – II</b> Advanced Fluid Mechanics (M2101)  <b>Elective – II</b> Thermal Measurements and Process Controls (M1804)  <b>Elective – II</b> Gas Turbines and Jet Propulsion (M1805)	<b>Elective – I</b> Advanced IC Engine, Electric and Hybrid vehicles (M2103)  <b>Elective – I</b> Refrigeration & Cryogenics (M1802)  <b>Elective – I</b> Thermal & Nuclear Power Plants (M1803)	Research Methodology and IPR (M0109)

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<b>Mechanical Machine Design (15)</b>	Mechanical Vibrations and Acoustics (M1502)	Advanced Mechanics of Solids (M1501)	<b>Elective-I</b>  Advanced Mechanisms (M1507)	<b>Elective-II</b> Design for Manufacturing & Assembly (M1303) <b>Elective-II</b> Robotics (M1509) <b>Elective-II</b> Multi Body Dynamics (M1510) <b>Elective-II</b> Vision Systems and Image Processing (M1511) <b>Elective-II</b> Non- Destructive Evaluation(M1508)	<b>Elective-I</b> Geometric Modeling (M1505) <b>Elective-I</b> Design of Modern Vehicle Systems (M1503)  <b>Elective-I</b> Product Design (M1504)  <b>Elective-I</b> Fracture Mechanics (M1506)	Research Methodology and IPR (M0109)
<b>Mechanical Mechanical Engineering Design (14)</b>	Mechanical Vibrations and Acoustics (M1502)	Advanced Mechanics of Solids (M1501)	<b>Elective-I</b>  Advanced Mechanisms (M1507)	<b>Elective-II</b> Non- Destructive Evaluation (M1508) <b>Elective-II</b> Robotics (M1509) <b>Elective-II</b> Multi Body Dynamics(M1510) <b>Elective-II</b> Reliability Engineering(M1401) <b>Elective-II</b> Design for Manufacturing & Assembly (M1303)	<b>Elective-I</b> Design of Modern Vehicle Systems (M1503)  <b>Elective-I</b> Geometric Modeling (M1505)  <b>Elective-I</b> Product Design (M1504)  <b>Elective-I</b> Fracture Mechanics (M1506)	Research Methodology and IPR (M0109)
<b>Mechanical CAD/CAM (04)</b>	<b>Elective-I</b> Materials Technology (M1307)	<b>Elective-II</b> Industrial Robotics (M0906)  <b>Elective-II</b> Mechatronics (M0905)	Computer Aided Manufacturing (M0902)	<b>Elective-I</b> Computational Methods In Engineering (M0903)  <b>Elective-I</b> Mechanical Vibrations (M0904)	Geometric Modeling (M0901)	<b>Elective-II</b> Simulation of Manufacturing Systems (M0907)  Research Methodology and IPR (M0109)



<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Mechanical</b>  <b>Advanced Manufacturing Systems</b>  (17)	<b>Elective-II</b> Optimization and Reliability (M1306) <b>Elective-II</b> Materials Technology (M1307) <b>Elective-II</b> Precision Engineering (M1308)	Advanced Manufacturing Processes (M1701)	Automation in Manufacturing (M1301)	<b>Elective-I</b>  Design for Manufacturing and Assembly (M1303)	<b>Elective-I</b> Quality Engineering in Manufacturing (M1304)  <b>Elective-I</b> Total Quality Management (M1305)	Research Methodology and IPR (M0109)
<b>Mechanical</b>  <b>Computer Aided Design &amp; Manufacturing (09)</b>	<b>Elective-I</b> Materials Technology (M1307)	<b>Elective-II</b> Mechatronics (M0905) <b>Elective-II</b> Industrial Robotics (M0906) <b>Elective-II</b> Simulation of Manufacturing Systems (M0907)	Computer Aided Manufacturing (M0902)	<b>Elective-I</b> Computational Methods In Engineering (M0903)  <b>Elective-I</b> Mechanical Vibrations (M0904)	Geometric Modeling (M0901)	Research Methodology and IPR (M0109)
<b>Mechanical</b>  <b>Advanced Manufacturing and Mechanical System Design (13)</b>	<b>Elective – II</b> Materials Technology (M1307) <b>Elective – II</b> Precision Engineering (M1308) <b>Elective – II</b> Optimization and Reliability (M1306)	Advanced Manufacturing Processes-I (M1302)	Automation in Manufacturing (M1301)	<b>Elective – I</b> Design for Manufacturing and Assembly (M1303)	<b>Elective – I</b> Quality Engineering in Manufacturing (M1304)  <b>Elective – I</b> Total Quality Management (M1305)	Research Methodology and IPR (M0109)
<b>Automobile Engineering</b>  (AA)	Computational Fluid Dynamics (M2102)	Automotive Engineering (MAA01)	<b>Elective II</b> Fluid Power Systems (MAA07) <b>Elective II</b> Design of Transmission Systems (MAA08)  <b>Elective II</b> Automotive Aerodynamics (MAA09) <b>Elective-II</b> Automotive Electronics (MAA06)	<b>Elective – II</b> Advanced IC Engine, Electric and Hybrid Vehicles (M2103)	<b>Elective I</b> Combustion and Emission Control (MAA02) <b>Elective I</b> Analysis and Synthesis of mechanisms (MAA03) <b>Elective I</b> Computer Aided Design (MAA04)  <b>Elective I</b> Automotive Classis Design (MAA05)	Research Methodology and IPR (M0109)

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<b>Mechanical</b>  <b>Computer Aided Analysis &amp; Design (16)</b>	Finite Element Analysis (M1601)	Advanced Mechanics of Solids (M1501)	----	<b>Elective II</b> Geometric Modeling (M1604)  <b>Elective II</b> Non Destructive Evaluation (M1508)	<b>Elective I</b> Mechanical Vibrations (M0904)  <b>Elective I</b> Experimental Stress Analysis (M1602)  <b>Elective I</b> Product Design (M1603)	Research Methodology and IPR (M0109)
<b>Mechanical</b>  <b>Mining Engineering (BB)</b>	Advanced Rock Mechanics and Ground Control (MBB01)	Mine Planning and Design (MBB02)	----	<b>Elective II</b> Instrumentation In Mining (MBB06)  <b>Elective II</b> Introduction to Robotics and Application to Mining (MBB07)  <b>Elective II</b> Remote Sensing & Geographical Information Systems (MBB08)	<b>Elective I</b> Ground Improvement Techniques (MBB03)  <b>Elective I</b> Tunneling and Underground Space Technology (MBB04)  <b>Elective I</b> Modern Surveying Techniques (MBB05)	Research Methodology and IPR (M0109)

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<b>ECE VLSI&amp;EMBEDED SYSTEMS/ EMBEDED SYSTEM &amp; VLSI /VLSID&amp;ES/ES&amp;VL SID (68,48,77,81)</b>	Microcontrollers and Programmable Digital Signal Processors (M5502)	RTL Simulation and Synthesis with PLDs (M6801)	----	<b>Elective-II</b> Programming Languages for Embedded Systems (M5506)  <b>Elective-II</b> System Design with Embedded Linux (M5507)  <b>Elective-II</b> CAD of Digital System (M5508)	<b>Elective-I</b> VLSI Signal Processing (M5505)  <b>Elective-I</b> Digital Signal and Image Processing (M5503)  <b>Elective-I</b> Parallel Processing (M5504)	Research Methodolog y and IPR (M0109)
<b>ECE VLSI/ VLSI Design/ VLSI System Design/VLSI &amp; Micro Electronics (57,72,61,76)</b>	----	CMOS Analog IC Design (M5701)	CMOS Digital IC Design (M5702)	<b>Elective-II</b> Device Modeling (M5706)  <b>Elective-II</b> Nano- Electronics (M5707)  <b>Elective-II</b> Photonics (M5708)	<b>Elective-I</b> VLSI Technology (M5703)  <b>Elective-I</b> Nano Materials and Nano Technology (M5704)  <b>Elective-I</b> MEMS Technology (M5705)	Research Methodology and IPR (M0109)
<b>ECE Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing (46,80)</b>	<b>Elective-II</b> Coding Theory and Applications (M4608)	<b>Elective-II</b> Digital Data Communications (M4607)  <b>Elective-II</b> Adaptive Signal Processing (M4606)	Advanced Digital Signal Processing (M4601)	Digital Image and Video processing (M4602)	<b>Elective-I</b> DSP Architectures (M4603)  <b>Elective-I</b> Cognitive Radio (M4605)  <b>Elective-I</b> Statistical Signal Processing (M4604)	Research Methodology and IPR (M0109)

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ECE Embedded Systems (55)	Microcontrollers and Programmable Digital Signal Processors (M5502)	Embedded System Design (M5501)	----	<b>Elective-II</b> Programming Languages for Embedded Systems (M5506)  <b>Elective-II</b> System Design with Embedded Linux (M5507)  <b>Elective-II</b> CAD of Digital System (M5508)	<b>Elective-I</b> VLSI Signal Processing (M5505)  <b>Elective-I</b> Digital Signal and Image Processing (M5503)  <b>Elective-I</b> Parallel Processing (M5504)	Research Methodology and IPR (M0109)
ECE Digital Systems & Computer Electronics (DSCE) (06)	VLSI Technology and Design (M3703)	Digital Data Communications (M4607)	<b>Elective-II</b> Software Defined Radio (M0603)	<b>Elective-II</b> Network Security and Cryptograph y (M4707)  <b>Elective-II</b> Image and Video Processing (M4602)	<b>Elective-I</b> Wireless Communications and Networks (M0601)  <b>Elective-I</b> Digital System Design (M3701)  <b>Elective-I</b> Internet Protocols (M0602)	Research Methodology and IPR (M0109)
ECE Digital Electronics & Communication Engineering/Digit al Electronics And Communication Systems/Electroni cs & Communication Engineering (37,38,70)	<b>Elective-I</b>  VLSI Technology and Design (M3703)	Digital Data Communications (M4607)	<b>Elective-I</b> Radar Signal Processing (M4702)  <b>Elective-I</b> Transform Techniques (M3702)	<b>Elective-II</b> Statistical Signal Processing (M3704)  <b>Elective-II</b> Network Security and Cryptography (M4707)  <b>Elective-II</b> Optical Communication Technology (M3705)	Digital System Design (M3701)	Research Methodology and IPR (M0109)

<b>ECE Communication Systems (47)</b>	<b>---</b>	<b>Digital Data Communications (M4607)</b>	<b>Elective-I</b> Radar Signal Processing ( <b>M4702</b> )  <b>Elective-I</b> RF Circuit Design ( <b>M4703</b> )  <b>Elective-I</b> Advanced Computer Networks ( <b>M4704</b> )	<b>Elective-II</b> Network Security and Cryptography ( <b>M4707</b> )  <b>Elective-II</b> Mobile Computing Technologies ( <b>M4706</b> )  <b>Elective-II</b> Wireless LANs & PANS ( <b>M4705</b> )	<b>Advanced Digital Signal Processing (M4701)</b>	<b>Research Methodology and IPR (M0109)</b>
<b>ECE System &amp; Signal Processing/Digital Image Processing (45,63)</b>	<b>Elective-II</b> Coding Theory and Applications ( <b>M4608</b> )	<b>Elective-II</b> Adaptive Signal Processing ( <b>M4606</b> )  <b>Elective-II</b> Computer Vision ( <b>M4501</b> )	<b>Advanced Digital Signal Processing (M4601)</b>	<b>Digital Image and Video Processing (M4602)</b>	<b>Elective-I</b> Statistical Signal Processing ( <b>M4604</b> )  <b>Elective-I</b> DSP Architectures ( <b>M4603</b> )  <b>Elective-I</b> Cognitive Radio ( <b>M4605</b> )	<b>Research Methodology and IPR (M0109)</b>

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**Date: 07.08.2024**

**Controller of Examinations (PG)**



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

**M.TECH I SEMESTER (R19 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER -2024**

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

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

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>EEE</b> <b>Power Systems/ Power System Control and Automation/ Power System Engineering/ PS &amp;C/ Advanced Power Systems/ Electrical Power Engineering/Power Engineering &amp; Energy Systems/ Electrical Power Systems/Power Systems and Automation</b> <b>(56,53,30,31,50,60,65,66)</b>	Analysis of Power Electronics Converter <b>(M4302)</b>	<b>Elective-II</b> HVDC Transmission <b>(M6204)</b>  <b>Elective-II</b> Power System Reliability <b>(M5602)</b>	<b>Elective-I</b> Renewable Energy Technologies <b>(M4306)</b>  <b>Elective-I</b> Electrical Distribution Automation <b>(M9904)</b>  <b>Elective-I</b> Power System Deregulation <b>(M5601)</b>	Power System Operation and Control <b>(M9901)</b>	----	<b>Elective-II</b> Advanced Power Systems Protection <b>(M9905)</b>  Research Methodology and IPR <b>(M0109)</b>
<b>EEE</b> <b>Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics &amp; Systems</b> <b>(43,42,54,52,44,12)</b>	Analysis of Power Electronic Converters <b>(M4302)</b>	<b>Elective-II</b> Artificial Intelligence Techniques <b>(M6203)</b>  <b>Elective-II</b> HVDC Transmission and Flexible AC Transmission Systems <b>(M4307)</b>	<b>Elective-II</b> Renewable Energy Technologies <b>(M4306)</b>	Electrical Machines Modeling & Analysis <b>(M4301)</b>	<b>Elective-I</b> Programmable Logic Controllers and Applications <b>(M4305)</b>  <b>Elective-I</b> Power Quality and Custom Power Devices <b>(M4304)</b>  <b>Elective-I</b> Modern Control Theory <b>(M4303)</b>	Research Methodology & IPR <b>(M0109)</b>
<b>EEE</b> <b>Power Electronics &amp; Power Systems</b> <b>(99)</b>	Analysis of Power Electronic Converters <b>(M4302)</b>	<b>Elective-II</b> HVDC Transmission <b>(M6204)</b>  <b>Elective-II</b> Advanced Power System Protection <b>(M9905)</b>	<b>Elective-II</b> Electrical Distribution Automation <b>(M9904)</b>	Power System Operation & Control <b>(M9901)</b>	<b>Elective-I</b> Power Quality <b>(M4304)</b>  <b>Elective-I</b> Control & Integration of Renewable Energy Systems <b>(M9902)</b>  <b>Elective-I</b> Advanced Digital Signal Processing <b>(M9903)</b>	Research Methodology and IPR <b>(M0109)</b>

BRANCH & SPECIALIZATION	05-09-2024 (Thursday)	06-09-2024 (Friday)	09-09-2024 (Monday)	10-09-2024 (Tuesday)	11-09-2024 (Wednesday)	12-09-2024 (Thursday)
EEE  <b>High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering (62,29)</b>	Dielectric and Insulation Engineering (M6202)	<b>Elective-I</b> Artificial Intelligence Techniques (M6203)  <b>Elective-I</b> HVDC Transmission (M6204)	<b>Elective-II</b> High Voltage Power Apparatus and Diagnostics (M6206)  <b>Elective-II</b> Collision Phenomena in Plasma Science (M6207)  <b>Elective-II</b> Advanced Electro Magnetic Fields (M6208)	Generation & Measurement of High Voltages (M6201)	<b>Elective-I</b> Breakdown Phenomenon in Electrical Insulation (M6205)	Research Methodology and IPR (M0109)
EEE  <b>Control Systems/Control Engineering (95,28)</b>	Advanced Control Theory (M9501)	Advanced Digital Control Systems (M9502)	<b>Elective-II</b> Stochastic Estimation and Control (M9508)  <b>Elective-II</b> Micro controllers and Applications (M9507)	<b>Elective-II</b> Optimization Techniques (M9506)	<b>Elective-I</b> System and Parameter Identification (M9505)  <b>Elective-I</b> Computer Controlled Systems (M9503)  <b>Elective-I</b> Control of Special Machines (M9504)	Research Methodology and IPR (M0109)
EEE  <b>High Voltage Power Systems Engineering (64)</b>	Dielectric and Insulation Engineering (M6202)	<b>Elective-I</b> HVDC Transmission (M6204)  <b>Elective-I</b> Artificial Intelligence Techniques (M6203)	<b>Elective-II</b> High Voltage Power Apparatus and Diagnostics (M6206)  <b>Elective-II</b> Collision Phenomena in Plasma Science (M6207)  <b>Elective-II</b> Advanced Electro Magnetic Fields (M6208)	Generation & Measurement of High Voltages (M6201)	<b>Elective-I</b> Breakdown Phenomenon in Electrical Insulation (M6205)	Research Methodology and IPR (M0109)

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Date: 07.08.2024

Controller of Examinations (PG)



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

**M.TECH I SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER -2024**

**TIME TABLE**

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

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Petroleum Engineering (08)</b>	<b>Elective-I</b> Advanced Numerical Methods and Applied Statistics (M0805)  <b>Elective-I</b> Coal Bed Methane Engineering & Shale Gas Engineering (M0806)	Fundamentals of Petroleum Geology and Reservoir Engineering (M0802)  <b>Elective-II</b> Transportation of Oil and Gas (M0807)  <b>Elective-II</b> Advanced Well Logging techniques & Well Testing Analysis (M0808)	Reservoir Stimulation (M0803)	Petroleum well Drilling and Production Engineering (M0804)	Offshore Drilling (M0801)	Research Methodology and IPR (M0109A)

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**Date: 07.08.2024**

**Controller of Examinations (PG)**





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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024**

**TIME TABLE**

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Civil Transportation Engineering (22)</b>	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	<b>Elective III</b> Pavement Construction (N2203)  <b>Elective III</b> Environmental Impact Assessment (N2204)  <b>Elective III</b> Traffic Flow Analysis (N2205)	<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>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</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)	----

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<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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**Date: 07.08.2024**

**Controller of Examinations (PG)**



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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024**

**T I M E   T A B L E**

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<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)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>CSE Computer Science &amp; Technology (59)</b>	<b>Elective IV</b> Full Stack Technologies (N5907)	Advanced Algorithms (N5901)	Machine Learning (N5801)	<b>Elective III</b> Advanced Network Principles and Protocols (N5902)  <b>Elective III</b> Open Source Programming (N5904)  <b>Elective III</b> Internet of Things (N5903)	<b>Elective III</b> Soft Computing (N5805)  <b>Elective III</b> Pattern Recognition (N5905)	<b>Elective IV</b> Parallel Algorithms (N5908)  <b>Elective IV</b> Natural Language Processing (N5906)  <b>Elective IV</b> Distributed Databases (N5910)  <b>Elective IV</b> Object Oriented Software Engineering (N5909)
<b>CSE Information Technology (40)</b>	Full Stack Technologies (N5907)	Advanced Algorithms (N5901)	<b>Elective III</b> Machine Learning (N5801)	<b>Elective III</b> Advanced Network Principles and Protocols (N5902)  <b>Elective III</b> Dev Ops (N4001)  <b>Elective III</b> Distributed Computing (N4002)  <b>Elective III</b> Social Network Analytics (N4003)	<b>Elective IV</b> Soft Computing (N5805)  <b>Elective IV</b> Digital Image Processing (N4004)	<b>Elective IV</b> Block Chain Technologies (N4005)  <b>Elective IV</b> Data Science (N4006)  <b>Elective IV</b> Natural Language Processing (N5906)
<b>CSE Computer Networks (94)</b>	Network Security (N9401)	Wireless Sensor Networks (N9402)	<b>Elective III</b> Web Security (N9403)	<b>Elective III</b> Intrusion Detection & Prevention Systems (N9404)  <b>Elective III</b> Internet of Things (N5903)	<b>Elective IV</b> Firewall & VPN Security (N9405)  <b>Elective IV</b> Service Oriented Architecture (N9407)	<b>Elective IV</b> Machine Learning (N9406)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<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>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<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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**Date: 07.08.2024**

**Controller of Examinations (PG)**



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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER – 2024**

**TIME TABLE**

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Mechanical</b> <b>Advanced Manufacturing &amp; Mechanical System Design</b> <b>(13)</b>	Advanced Manufacturing Processes-II <b>(N1301)</b>	Computer Integrated Manufacturing <b>(N1302)</b>	<b>Elective III</b> Finite Element Methods <b>(N1303)</b>	<b>Elective IV</b> Advanced CNC Technologies <b>(N1307)</b>	<b>Elective III</b> MEMS & Micro systems <b>(N1305)</b>  <b>Elective III</b> Concurrent Engineering <b>(N1304)</b>	<b>Elective IV</b> Production and Operation Management <b>(N1306)</b>  <b>Elective IV</b> Supply Chain Management <b>(N1308)</b>
<b>Mechanical</b> <b>Advanced Manufacturing Systems</b> <b>(17)</b>	Simulation of Manufacturing Systems <b>(N1701)</b>	Computer Integrated Manufacturing <b>(N1302)</b>	<b>Elective III</b> Finite Element Methods <b>(N1303)</b>	<b>Elective IV</b> Advanced CNC Technologies <b>(N1307)</b>	<b>Elective III</b> MEMS & Micro systems <b>(N1305)</b>  <b>Elective III</b> Concurrent Engineering <b>(N1304)</b>	<b>Elective IV</b> Production and Operation Management <b>(N1306)</b>  <b>Elective IV</b> Supply Chain Management <b>(N1308)</b>
<b>Mechanical</b> <b>Computer Aided Design &amp; Manufacturing</b> <b>(09)</b>	Theory of Elasticity and Plasticity <b>(N0901)</b>	Advanced Manufacturing Processes <b>(N0902)</b>	<b>Elective III</b> Advanced Finite Element Methods <b>(N1303)</b>  <b>Elective III</b> Fracture Mechanics <b>(N0903)</b>	<b>Elective IV</b> Additive Manufacturing <b>(N0907)</b>  <b>Elective IV</b> Optimization & Reliability <b>(N0906)</b>	<b>Elective III</b> Product Design and Development <b>(N0904)</b>	<b>Elective IV</b> Materials Characterization Techniques <b>(N0905)</b>



BRANCH & SPECIALIZATION	05-09-2024 (Thursday)	06-09-2024 (Friday)	09-09-2024 (Monday)	10-09-2024 (Tuesday)	11-09-2024 (Wednesday)	12-09-2024 (Thursday)
Mechanical  CAD/ CAM (04)	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0401)	<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)
Mechanical  Machine Design (15)	Advanced Machine Design (N1501)	<b>Elective III</b> Theory of Plasticity (N1502)	Advanced Finite Element Methods (N1303)	<b>Elective III</b> Computational Fluid Dynamics (N1504)  <b>Elective III</b> Signal Analysis and Condition Monitoring (N1503)  <b>Elective III</b> Soft Computing (N1506)	<b>Elective IV</b> Mechatronics (N1509)  <b>Elective IV</b> Experimental Techniques and data analysis (N1507)  <b>Elective IV</b> Design with advanced Materials (N1508)  <b>Elective IV</b> Tribology (N1510)  <b>Elective IV</b> Experimental Modal Analysis (N1511)	<b>Elective III</b> Composite Materials (N1505)

BRANCH & SPECIALIZATION	05-09-2024 (Thursday)	06-09-2024 (Friday)	09-09-2024 (Monday)	10-09-2024 (Tuesday)	11-09-2024 (Wednesday)	12-09-2024 (Thursday)
<b>Mechanical</b> <b>Mechanical Engineering</b> <b>Design</b> <b>(14)</b>	Advanced Machine Design <b>(N1501)</b>	<b>Elective III</b> Theory of Plasticity <b>(N1502)</b>	Advanced Finite Element Methods <b>(N1303)</b>	<b>Elective III</b> Computational Fluid Dynamics <b>(N1504)</b>  <b>Elective III</b> Signal Analysis and Condition Monitoring <b>(N1503)</b>  <b>Elective III</b> Computer Aided Mechanical Design and Analysis <b>(N1401)</b>	<b>Elective IV</b> Mechatronics <b>(N1509)</b>  <b>Elective IV</b> Tribology <b>(N1510)</b>  <b>Elective IV</b> Experimental Modal Analysis <b>(N1511)</b>  <b>Elective IV</b> Design with advanced Materials <b>(N1508)</b>  <b>Elective IV</b> Experimental Techniques and data analysis <b>(N1507)</b>	<b>Elective III</b> Composite Materials <b>(N1505)</b>
<b>Mechanical</b> <b>Thermal Engineering</b> <b>(21)</b>	Advanced Heat and Mass Transfer <b>(N2101)</b>	Thermal Measurements and Process Controls <b>(N2102)</b>	<b>Elective III</b> Equipment Design for Thermal Systems <b>(N2103)</b>  <b>Elective III</b> Solar Energy Technologies <b>(N2104)</b>	<b>Elective IV</b> Jet Propulsion and Rocket Engineering <b>(N2107)</b>  <b>Elective IV</b> Modeling of I.C engines <b>(N2109)</b>	<b>Elective III</b> Advanced Power Plant Engineering <b>(N2105)</b>  <b>Elective III</b> Combustion, Emissions and Environment <b>(N2106)</b>	<b>Elective IV</b> Automotive Engineering <b>(N2108)</b>  <b>Elective IV</b> Renewable Energy Technologies <b>(N2110)</b>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>Mechanical Automobile Engineering (AA)</b>	Vehicle Body Engineering (NAA01)	Vehicle Dynamics (NAA02)	<b>Elective IV</b> Advanced Finite Element Methods (N1303)  <b>Elective IV</b> Advanced Metal Forming (NAA07)  <b>Elective IV</b> Automotive Safety and Maintenance (NAA08)  <b>Elective IV</b> Vehicle Control Systems (NAA09)  <b>Elective IV</b> Simulation of Vehicle Systems (NAA10)	<b>Elective III</b> Noise, Vibrations and Harshness (NAA03)  <b>Elective III</b> Automotive System Components Design (NAA06)	<b>Elective III</b> Condition Monitoring (NAA04)	<b>Elective III</b> Automotive Air- Conditioning Systems (NAA05)
<b>Mechanical Thermal Sciences And Energy Systems (18)</b>	Solar Energy and Fuel Cell Technologies (N1801)	Energy Conservation and Management (N1802)	<b>Elective III</b> Energy Systems Modeling and Analysis (N1803)  <b>Elective III</b> Energy Economics and Planning (N1804)	<b>Elective IV</b> Waste Heat Recovery Systems (N1807)  <b>Elective IV</b> Design of Heat Transfer Equipment (N1808)  <b>Elective IV</b> Combustion, Emissions and Environment (N1809)  <b>Elective IV</b> Green Buildings (N1810)	<b>Elective III</b> Optimization Techniques and Applications (N1805)	<b>Elective III</b> Biomass, Wind and Ocean Energy (N1806)

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<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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Date: 07.08.2024

Controller of Examinations (PG)



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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER – 2024**

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

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>ECE</b> <b>Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing</b> <b>(46,80)</b>	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>	<b>Elective IV</b> Smart Antennas <b>(N4606)</b>  <b>Elective IV</b> Biomedical Signal Processing <b>(N4607)</b>  <b>Elective IV</b> Optical Networks <b>(N4608)</b>
<b>ECE</b> <b>Communication Systems</b> <b>(47)</b>	<b>Elective IV</b> DSP Processors and Architectures <b>(N4706)</b>	Wireless Communications and Networks <b>(N4701)</b>	Image and Video Processing <b>(N4702)</b>	<b>Elective III</b> Internet Protocols <b>(N4703)</b>  <b>Elective III</b> Cyber Security <b>(N4704)</b>	<b>Elective III</b> Soft Computing Techniques <b>(N4605)</b>	<b>Elective IV</b> Radio and Navigational Aids <b>(N4707)</b>  <b>Elective IV</b> Optical Networks <b>(N4705)</b>
<b>ECE</b> <b>Digital Electronics &amp; Communication Engineering/ Digital Electronics &amp; Communication Systems/ Electronics &amp; Communication Engineering</b> <b>(37,38,70)</b>	<b>Elective IV</b> DSP Processors and Architectures <b>(N4706)</b>	Wireless Communications and Networks <b>(N4701)</b>	Image and Video Processing <b>(N4702)</b>	<b>Elective III</b> CMOS Analog & Digital IC Design <b>(N3701)</b>	<b>Elective III</b> Advanced Computer Architecture <b>(N3702)</b>  <b>Elective III</b> Soft Computing Techniques <b>(N4605)</b>	<b>Elective IV</b> EMI/ EMC <b>(N3703)</b>  <b>Elective IV</b> Object Oriented Programming <b>(N3704)</b>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>ECE</b> <b>Digital System &amp; Computer</b> <b>Electronics</b> <b>(DSCE)</b>  <b>(06)</b>	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>	<b>Elective IV</b> High Speed Networks <b>(N0604)</b>  <b>Elective IV</b> EMI/EMC <b>(N3703)</b>  <b>Elective IV</b> Embedded Real Time Operating Systems <b>(N0603)</b>
<b>ECE</b> <b>System &amp; Signal Processing/</b> <b>Digital Image Processing</b>  <b>(45,63)</b>	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>	<b>Elective IV</b> Audio/Video Coding & Compression <b>(N4501)</b>  <b>Elective IV</b> Biomedical Signal Processing <b>(N4607)</b>  <b>Elective IV</b> Optical Networks <b>(N4608)</b>
<b>ECE</b>  <b>Embedded Systems</b> <b>(55)</b>	<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>	<b>Elective III</b> SoC Design <b>(N5504)</b>  <b>Elective III</b> Sensors & Actuators <b>(N5505)</b>	Digital System Design <b>(N5501)</b>	<b>Elective IV</b> Communication Buses and Interfaces <b>(N5506)</b>  <b>Elective IV</b> Network Security and Cryptography <b>(N5507)</b>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</b>
<b>ECE</b> <b>VLSI &amp; Embedded Systems, Embedded System &amp; VLSI, VLSID&amp;ES, ES&amp;VLSID</b> <b>(68,48,77,81)</b>	<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>	<b>Elective III</b> SoC Design <b>(N5504)</b>  <b>Elective III</b> Low power VLSI Design <b>(N6802)</b>	Analog and Digital CMOS VLSI Design <b>(N6801)</b>	<b>Elective IV</b> Communication Buses and Interfaces <b>(N5506)</b>  <b>Elective IV</b> Network Security and Cryptography <b>(N5507)</b>
<b>ECE</b> <b>VLSI, VLSI Design, VLSI System Design, VLSI Micro-Electronics</b> <b>(57,72,61,76)</b>	Physical Design Automation <b>(N5508)</b>	Mixed Signal & RF IC Design <b>(N5701)</b>	<b>Elective III</b> VLSI Signal Processing <b>(N5703)</b>  <b>Elective III</b> IOT & its Applications <b>(N0601)</b>	<b>Elective III</b> Design For Testability <b>(N5702)</b>	<b>Elective IV</b> Microcontrollers & programmable Digital Signal Processors <b>(N5704)</b>	<b>Elective IV</b> Low Power VLSI Design <b>(N5705)</b>  <b>Elective IV</b> Network Security & Cryptography <b>(N5507)</b>

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**Date: 07.08.2024**

**Controller of Examinations (PG)**



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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER – 2024**

**T I M E   T A B L E**

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</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>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>	<b>12-09-2024 (Thursday)</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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Date: 07.08.2024

Controller of Examinations (PG)



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

**M.TECH II SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER-2024**  
**TIME TABLE**

**TIME: 02:00 PM TO 05:00 PM**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>05-09-2024 (Thursday)</b>	<b>06-09-2024 (Friday)</b>	<b>09-09-2024 (Monday)</b>	<b>10-09-2024 (Tuesday)</b>	<b>11-09-2024 (Wednesday)</b>
<b>Environmental Occupational Health &amp; Safety (79)</b>	Occupational Health & Hygiene (N7901)	Disaster Management (N7904)	Safety At Different Industries – I (N7903)	Construction Safety (N7902)	Safety Engineering Activities (N7905)

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**Date: 07.08.2024**

**Controller of Examinations (PG)**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## M.TECH III SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

TIME : 10.00 AM TO 01.00 PM

-BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
<b>Civil Transportation Engineering (22)</b>	Financial and Economic Analysis of Transportation Projects - <b>P2201</b> Airport Engineering - <b>P2202</b> Transportation System Management - <b>P2203</b>	Composite Materials - <b>POE01</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> MOOCS - <b>POE08</b>
<b>Civil Structural Engineering (87) Structural Design (85)</b>	Design of Prestressed Concrete structures - <b>P8701</b> Structural Health Monitoring - <b>P8702</b> Industrial Structures - <b>P8703</b> MOOCS - <b>P8704</b>	Artificial Intelligence Technique - <b>POE04</b> Construction Management - <b>POE05</b> Green Technology - <b>POE06</b> Operations Research - <b>POE03</b> MOOCS - <b>POE09</b>
<b>Civil Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering (19)/(20)</b>	Geo-environmental Engineering - <b>P2001</b> Soil Dynamics & Machine Foundations - <b>P2002</b> Finite Element Method - <b>P2003</b> MOOCS - <b>P2004</b>	Composite Materials - <b>POE01</b> Industrial Safety - <b>POE02</b> Construction Management - <b>POE05</b> Operations Research - <b>POE03</b> MOOCS - <b>POE11</b>
<b>Civil Highway Engineering (23)</b>	Urban Transportation - <b>P2301</b> Traffic Flow Analysis - <b>P2302</b> Road Safety Engineering - <b>P2303</b>	Composite Materials - <b>POE01</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> MOOCS - <b>POE10</b>
<b>Civil Computer aided Structural Analysis and Design (35)</b>	Design of Pre-stressed Concrete structures - <b>P3501</b> Structural Health Monitoring - <b>P3502</b> Industrial Structures - <b>P3503</b> MOOCS - <b>P3504</b>	Artificial Intelligence Technique - <b>POE04</b> Construction Management - <b>POE05</b> Green Technology - <b>POE06</b> MOOCS - <b>POE12</b>
<b>Civil Environmental Engineering (86)</b>	Life cycle analysis - <b>P8601</b> Bio Remediation - <b>P8602</b> Climate Change And Global Environmental Issues - <b>P8603</b>	Waste to Energy - <b>POE07</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b>

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Date: 07-08-2024



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## M.TECH III SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

TIME : 10.00 AM TO 01.00 PM

BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
CSE Computer Science (05)	Mobile Applications and Development - <b>P0501</b> Big Data Analytics - <b>P0502</b> MOOCS-1 - <b>P0503</b>	Python Programming - <b>POE33</b> Data Science - <b>POE44</b> Bioinformatics - <b>POE45</b> Digital Forensics - <b>POE38</b> Web Security - <b>POE46</b> Machine Learning - <b>POE37A</b> MOOCS-2 - <b>POE54</b>
CSE Software Engineering (25)	Object Oriented Software Engineering - <b>P2501</b> Artificial Intelligence - <b>P2502</b> User Interface Design - <b>P2503</b> MOOCS-1 - <b>P2504</b>	Python Programming - <b>POE33</b> Artificial Intelligence - <b>POE41A</b> Machine Learning - <b>POE37A</b> Deep Learning - <b>POE43A</b> MOOCS-2 - <b>POE56</b>
CSE Cyber Security (26)	Information System Audit - <b>P2601</b> Cyber Security Governance - <b>P2602</b> Cyber Laws and Security Policies - <b>P2603</b> MOOCS-1 - <b>P2604</b>	Python Programming - <b>POE33</b> Principles of Cyber Security - <b>POE34</b> Internet of Things - <b>POE35A</b> Artificial Intelligence and Machine Learning - <b>POE36</b> MOOCS-2 - <b>POE53</b>
CSE Information Technology (40)	Deep Learning - <b>P4001</b> Embedded Computing - <b>P4002</b> Ethical Hacking - <b>P4003</b> Digital Marketing - <b>P4004</b> MOOCS-1 - <b>P4005</b>	Python Programming - <b>POE33</b> Web Technologies - <b>POE40</b> Artificial Intelligence - <b>POE41B</b> Internet of Things - <b>POE35A</b> Machine Learning - <b>POE37A</b> Advanced Data Structures - <b>POE42</b> MOOCS-2 - <b>POE50</b>
CSE Neural Networks (69)	Reinforcement Learning - <b>P6901</b> Bio-Informatics - <b>P6902</b> Speech Processing - <b>P6903</b> MOOCS-1 - <b>P6904</b>	Python Programming - <b>POE33</b> Artificial Intelligence - <b>POE41A</b> Machine Learning - <b>POE37A</b> Deep Learning - <b>POE43A</b> MOOCS-2 - <b>POE52</b>
CSE Computer Networks & Information Security (84)	Cloud Architectures and Security - <b>P8401</b> Information Security Management and Standards - <b>P8402</b> Cyber Laws and Security Policies - <b>P8403</b> MOOCS-1 - <b>P8404</b>	Python Programming - <b>POE33</b> Principles of Cyber Security - <b>POE34</b> Internet of Things - <b>POE35A</b> Artificial Intelligence and Machine Learning - <b>POE36</b>  MOOCS-2 - <b>POE47</b>



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## M.TECH III SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

### TIME TABLE

TIME : 10.00 AM TO 01.00 PM

BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
CSE Computer Science & Technology (59)	Deep Learning - <b>P5901</b> Ethical Hacking - <b>P5902</b> MOOCS-1 - <b>P5903</b>	Python Programming - <b>POE33</b> Web Technologies - <b>POE40</b> Artificial Intelligence - <b>POE41B</b> Internet of Things - <b>POE35A</b> Machine Learning - <b>POE37A</b> Advanced Data Structures - <b>POE42</b> MOOCS-2 - <b>POE49</b>
CSE Computer Science & Engineering (58)	Deep Learning - <b>P5801</b> Social Network Analysis - <b>P5802</b> MOOCS-1 - <b>P5803</b>	Python Programming - <b>POE33</b> Principles of Cyber Security - <b>POE34</b> Internet of Things - <b>POE35B</b> Machine Learning - <b>POE37A</b> Digital forensics - <b>POE38</b> Next Generation Databases - <b>POE39</b> MOOCS-2 - <b>POE48</b>
CSE Computer Networks (94)	Trustworthy Computing - <b>P9401</b> Advanced Storage Area Networks - <b>P9402</b> Cloud Computing - <b>P9403</b> MOOCS-1 - <b>P9404</b>	Python Programming - <b>POE33</b> Principles of Cyber Security - <b>POE34</b> Internet of Things - <b>POE35A</b> <b>Artificial Intelligence and Machine Learning - POE36</b> MOOCS-2 - <b>POE51</b>
CSE Data Science (88)	Multivariate Analysis - <b>P8801</b> Next Generation Databases - <b>P8802</b> MOOCS-1 - <b>P8803</b>	Python Programming - <b>POE33</b> Principles of Cyber Security - <b>POE34</b> Internet of Things - <b>POE35B</b> Machine Learning - <b>POE37B</b> Deep Learning - <b>POE43B</b> Next Generation Databases - <b>POE39</b> MOOCS-2 - <b>POE55</b>

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Date: 07-08-2024

Controller of Examinations (PG)



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BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
<b>Mechanical Thermal Engineering (21)</b>	Optimization Techniques and Applications - <b>P2101</b> Design and Analysis of Experiments - <b>P2102</b> Convective Heat Transfer - <b>P2103</b> Waste to Energy - <b>P2104</b> Advanced finite element methods - <b>P2105</b> MOOCS/NPTEL - <b>P2106</b>	Industrial Safety - <b>POE02</b> MOOCS/NPTEL - <b>POE29</b>
<b>Mechanical Thermal Sciences and Energy Systems (18)</b>	Design and Analysis of Experiments - <b>P1801</b> Convective Heat Transfer - <b>P1802</b> Advanced Finite Element Methods - <b>P1803</b> Materials and Devices for Energy Applications - <b>P1804</b> MOOCS/NPTEL - <b>P1805</b>	MOOCS/NPTEL - <b>POE31</b>
<b>Mechanical Machine Design/Mechanical Engineering Design (15)/(14)</b>	Industrial Robotics - <b>P1501</b> Advanced Optimization Techniques - <b>P1502</b> Additive Manufacturing - <b>P1503</b> Mechanics of Composite Materials - <b>P1504</b> Vehicle Dynamics - <b>P1505</b>	Nano Technology - <b>POE17</b> Optimization Techniques - <b>POE20</b> Industrial Safety - <b>POE02</b> Industrial Robotics - <b>POE22</b> Operations Research - <b>POE03</b> Additive Manufacturing - <b>POE23</b> Experimental Techniques and Data Analysis - <b>POE24</b> An Introduction to Nano Science and Technology – <b>POE25</b>
	Industrial Robotics - <b>P1401</b> Advanced Optimization Techniques - <b>P1402</b> Additive Manufacturing - <b>P1403</b> Mechanics of Composite Materials - <b>P1404</b> An Introduction to Nano Science and Technology - <b>P1405</b>	
<b>Mechanical CAD/CAM (04)</b>	Non destructive Evaluation - <b>P0401</b> Quality engineering in manufacturing - <b>P0402</b> Green Manufacturing - <b>P0403</b> MOOCS/ NPTEL - <b>P0404</b>	Nano Technology - <b>POE17</b> Optimization Techniques - <b>POE20</b> Product Design and Manufacturing - <b>POE21</b>
<b>Mechanical Advanced Manufacturing Systems (17)</b>	Surface Integrity Processes - <b>P1701</b> Signal Analysis and Condition Monitoring - <b>P1702</b> Industrial Robotics - <b>P1703</b> MOOCS/ NPTEL - <b>P1704</b>	Nano Technology - <b>POE17</b> Advanced Materials and Processing - <b>POE18</b> Intelligent Manufacturing Systems - <b>POE19</b>



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BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 (Tuesday)
Computer Aided Design & Manufacturing (09)	Non destructive Evaluation - <b>P0901</b> Quality Engineering - <b>P0902</b> Green Manufacturing - <b>P0903</b> MOOCS/ NPTEL - <b>P0904</b>	Nano Technology - <b>POE17</b> Optimization Techniques - <b>POE20</b> Product Design and Manufacturing - <b>POE21</b>
Mechanical Advanced Manufacturing and Mechanical System Design (13)	Surface Integrity Processes - <b>P1301</b> Signal Analysis and Condition Monitoring - <b>P1302</b> Industrial Robotics - <b>P1303</b> MOOCS/ NPTEL - <b>P1304</b>	Nano Technology - <b>POE17</b> Advanced Materials and Processing - <b>POE18</b> Intelligent Manufacturing Systems - <b>POE19</b>
Automobile Engineering (AA)	Vehicle Testing and Instrumentation - <b>PAA01</b> Engine Management Systems - <b>PAA02</b> Design and Analysis of Experiments - <b>PAA03</b> Special Types of Vehicles - <b>PAA04</b> Composite Materials and Structures - <b>PAA05</b> MOOCS/NPTEL - <b>PAA06</b>	Industrial Safety - <b>POE02</b> MOOCS/NPTEL - <b>POE30</b>
Mechanical Computer Aided Analysis & Design (16)	Signal Analysis And Condition Monitoring - <b>P1601</b> Computer Integrated Manufacturing - <b>P1602</b> Mechanics of Composite Materials - <b>P1603</b> MOOCS/NPTEL - <b>P1604</b>	Advanced Tool Design - <b>POE26</b> Material Technology - <b>POE27</b> Computational Fluid Dynamics - <b>POE28</b>
Mechanical Mining Engineering (BB)	Introduction to Petroleum Engineering - <b>PBB01</b> Computational Fluid Dynamics - <b>PBB02</b> Finite Element Analysis - <b>PBB03</b> MOOCS - <b>PBB04</b>	MOOCS - <b>POE32</b> Industrial Safety - <b>POE02</b>
Petroleum Engineering (08)	MOOCS – I - <b>P0801</b>	MOOCS – II - <b>POE57</b>

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## M.TECH III SEMESTER (R19 REGULATION) SPECIAL SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2024

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BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
ECE VLSI&EMBEDED SYSTEMS/ EMBEDED SYSTEMS & VLSI /VLSID&ES/ES&VLSID (68,48,77,81)	IOT and its Applications - <b>P6801</b> Hardware Software co-design - <b>P6802</b> Artificial Intelligence - <b>P6803</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE VLSI/VLSI Design/VLSI System Design/ VLSI & Micro Electronics (57,72,61,76)	Scripting Languages for VLSI - <b>P5701</b> Digital System Design & Verification - <b>P5702</b> Hardware Software co-design - <b>P5703</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE Communication Engineering & Signal Processing/ Communication & Signal Processing (46,80)	Optimization Techniques - <b>P4601</b> Modeling and Simulation Techniques - <b>P4602</b> Artificial Intelligence - <b>P4603</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE Embedded Systems (55)	IOT and its Applications - <b>P5501</b> Hardware Software co-design - <b>P5502</b> Artificial Intelligence - <b>P5503</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE Digital System & Computer Electronics (DSCE) (06)	Digital Design Using HDL- <b>P0601</b> CMOS Analog and Digital IC Design – <b>P0602</b> Advanced Computer Architecture - <b>P0603</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>





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BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 (Tuesday)
ECE Digital Electronics & Communication Engineering/Digital Electronics And Communication Systems/Electronics & Communication Engineering (37,38,70)	Detection & Estimation Theory - <b>P3701</b> Advanced Digital Signal Processing - <b>P3702</b> Coding Theory and Applications - <b>P3703</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE Communication Systems (47)	Detection & Estimation Theory - <b>P4701</b> Coding Theory and Applications - <b>P4702</b> Software Defined Radio - <b>P4703</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>
ECE System Signal Processing/Digital Image Processing (45,63)	Optimization Techniques - <b>P4501</b> Modeling and Simulation Techniques - <b>P4502</b> Artificial Intelligence - <b>P4503</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b> Composite Materials - <b>POE01</b> Waste to Energy - <b>POE07</b>

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BRANCH & SPECIALIZATION	13-09-2024 (Friday)	17-09-2024 ( Tuesday)
EEE  Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS & C/Advanced Power System/Power Engineering & Energy Systems/ Power System and Automation (56,53,50,60,65,30,31,66)	Energy Audit Conservation & Management - <b>P5601</b> Smart Grid Technologies - <b>P5602</b> Power Quality and Custom Power Devices - <b>P5603</b>	Industrial Safety - <b>POE02</b> Artificial Intelligent Techniques - <b>POE16</b> Operations Research - <b>POE03</b>
EEE Power Electronics/Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics & Systems (43,42,54,52,44,12)	Digital Signal Processor Controlled Drives - <b>P4301</b> Smart Grid Technologies - <b>P4302</b> Modeling & Simulation of Power Electronic Systems - <b>P4303</b>	Industrial Safety - <b>POE02</b> Energy Audit, Conservation & Management - <b>POE15</b> Composite Materials - <b>POE01</b>
EEE Power Electronics & Power Systems (99)	Hybrid Electric Vehicles - <b>P9901</b> Optimization Techniques - <b>P9902</b> Artificial Intelligent Techniques - <b>P9903</b>	Energy Audit Conservation & Management - <b>POE15</b> Operations Research - <b>POE03</b> Cost Management of Engineering Projects - <b>POE14</b>
EEE High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering (62,29) High Voltage Power Systems Engineering (64)	Industrial Safety - <b>P6201</b> Power Quality - <b>P6202</b> Power System Transients - <b>P6203</b>	Operations Research - <b>POE03</b> Energy Audit Conservation & Management - <b>POE15</b> Composite Materials - <b>POE01</b>
EEE Control Systems/Control Engineering (95,28)	Adaptive Control Theory - <b>P9501</b> Evolutionary Algorithms and Applications - <b>P9502</b> Artificial Intelligent Techniques - <b>P9503</b>	Business Analytics - <b>POE13</b> Industrial Safety - <b>POE02</b> Cost Management of Engineering Projects - <b>POE14</b>

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