



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM**  
**UNIVERSITY EXAMINATION CENTER, VIZIANAGARAM**  
**M.Tech-I SEMESTER (R19 REGULATIONS) REGULAR/SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2025**

**TIME TABLE**

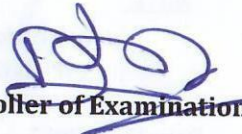
**Time:10.00 AM To 01.00 PM**

Branch & Specialization	DATE & DAY				
	03-02-2025 (Monday)	05-02-2025 (Wednesday)	07-02-2025 (Friday)	10-02-2025 (Monday)	12-02-2025 (Wednesday)
Civil Transportation Engineering (22)	Advanced Highway Engineering (M2201)	Advanced Traffic Engineering (M2202)	Elective-I Bridge Engineering (M2203) Elective-I Project Management (M2204) Elective-I Ground Improvement Technique (M2205)	Elective-II GIS for Transportation (M2206) Elective-II Pavement Management System (M2207) Elective-II Transportation Modeling and Simulation (M2208)	Research Methodology and IPR (M0109)
Civil Structural Engineering (87)	Theory of Elasticity (M8701)	Structural Dynamics (M8702)	Elective-I Matrix Analysis of Structures (M8703) Elective-I Analytical & Numerical Methods for Structural Engineering (M8704) Elective-I Design of Reinforced Concrete Foundations(M8705)	Elective-II Bridge Engineering (M8706) Elective-II Repair and Rehabilitation Structures (M8707) Elective-II Advanced Reinforced Concrete Design (M8708)	Advanced Concrete Technology (M8709)
Civil Geo-Technical Engineering (20)	Advanced Soil Mechanics (M2001)	Soil Investigation/ Soil Exploration (M2002)	Elective-I Ground Improvement Techniques (M2003) Elective-I Soil-Foundation Interaction (M2004) Elective-I Critical State Soil Mechanics (M2005)	Elective-II Design with Geo-Synthetics (M2006) Elective-II Rock Mechanics (M2007) Elective-II Remote Sensing & Geographical Information Systems (M2008)	Research Methodology and IPR (M0109)

**NOTE:**

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Date:23-01-2025

  
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<b>EEE Control Systems (95)</b>	Advanced Control Theory (M9501)	Advanced Digital Control Systems (M9502)	<b>Elective-I</b> Computer Controlled Systems (M9503) <b>Elective-I</b> Control of Special Machines (M9504) <b>Elective-I</b> System and Parameter Identification (M9505)	<b>Elective-II</b> Optimization Techniques (M9506) <b>Elective-II</b> Micro controllers and Applications (M9507) <b>Elective-II</b> Stochastic Estimation and Control (M9508)	Research Methodology and IPR (M0109)
<b>EEE Power Systems (56) Power System Control and Automation (53)</b>	Power System Operation and Control (M9901)	Analysis of Power Electronics Converters (M4302)	<b>Elective-I</b> Electrical Distribution Automation (M9904) <b>Elective-I</b> Renewable Energy Technologies (M4306) <b>Elective-I</b> Power System Deregulation (M5601)	<b>Elective-II</b> HVDC Transmission (M6204) <b>Elective-II</b> Advanced Power Systems Protection (M9905) <b>Elective-II</b> Power System Reliability (M5602)	Research Methodology and IPR (M0109)
<b>EEE Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ (43,42,54)</b>	Electrical Machines Modeling & Analysis (M4301)	Analysis of Power Electronic Converters (M4302)	<b>Elective-I</b> Modern Control Theory (M4303) <b>Elective-I</b> Power Quality and Custom Power Devices (M4304) <b>Elective-I</b> Programmable Logic Controllers and Applications (M4305)	<b>Elective-II</b> Artificial Intelligence Techniques (M6203) <b>Elective-II</b> Renewable Energy Technologies (M4306) <b>Elective-II</b> HVDC Transmission and Flexible AC Transmission Systems (M4307)	Research Methodology and IPR (M0109)

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<b>Mechanical Thermal Engineering (21)</b>	Advanced Fluid Mechanics (M2101)	Computational Fluid Dynamics (M2102)	<b>Elective-I</b> Advanced IC Engine, Electric and Hybrid vehicles (M2103) <b>Elective-I</b> GAS Dynamics (M2104) <b>Elective-I</b> Cryogenic Engineering (M2105) <b>Elective-I</b> Advanced Thermodynamics (M2106)	<b>Elective-II</b> Gas Turbines (M2107) <b>Elective-II</b> Alternative Fuel Technologies (M2108) <b>Elective-II</b> Energy Conservation and management (M2109) <b>Elective-II</b> Theory and Technology of Fuel Cells (M2110)	Research Methodology and IPR (M0109)
<b>Mechanical CAD/CAM (04)</b>	Geometric Modeling (M0901)	Computer Aided Manufacturing (M0902)	<b>Elective-I</b> Materials Technology (M1307) <b>Elective-I</b> Computational Methods In Engineering (M0903) <b>Elective-I</b> Mechanical Vibrations (M0904)	<b>Elective-II</b> Mechatronics (M0905) <b>Elective-II</b> Industrial Robotics (M0906) <b>Elective-II</b> Simulation of Manufacturing Systems (M0907)	Research Methodology and IPR (M0109)
<b>Mechanical Machine Design (15)</b>	Advanced Mechanics of Solids (M1501)	Mechanical Vibrations and Acoustics (M1502)	<b>Elective-I</b> Design of Modern Vehicle Systems (M1503) <b>Elective-I</b> Product Design (M1504) <b>Elective-I</b> Geometric Modeling (M1505) <b>Elective-I</b> Fracture Mechanics (M1506) <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> Design for Manufacturing & Assembly (M1303) <b>Elective-II</b> Multi Body Dynamics (M1510) <b>Elective-II</b> Vision Systems and Image Processing (M1511)	Research Methodology and IPR (M0109)

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<b>ECE VLSI&amp;EMBEDED SYSTEMS (68)</b>	RTL Simulation and Synthesis with PLDs (M6801)	Microcontrollers and Programmable Digital Signal Processors (M5502)	<b>Elective-I</b> Digital Signal and Image Processing (M5503) <b>Elective-I</b> Parallel Processing (M5504) <b>Elective-I</b> VLSISignal Processing (M5505)	<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)	Research Methodology and IPR (M0109)
<b>ECE VLSI/ VLSI Design/ VLSI System Design (57,72,61)</b>	CMOS Analog IC Design (M5701)	CMOS Digital IC Design (M5702)	<b>Elective-I</b> VLSI Technology (M5703) <b>Elective-I</b> Nano Materials and Nano Technology (M5704) <b>Elective-I</b> MEMS Technology (M5705)	<b>Elective-II</b> Device Modeling (M5706) <b>Elective-II</b> Nano- Electronics (M5707) <b>Elective-II</b> Photonics (M5708)	Research Methodology and IPR (M0109)
<b>ECE Digital Electronics And Communication Systems (38)</b>	Digital System Design (M3701)	Digital Data Communications (M4607)	<b>Elective-I</b> Transform Techniques (M3702) <b>Elective-I</b> VLSI Technology and Design (M3703) <b>Elective-I</b> Radar Signal Processing (M4702)	<b>Elective-II</b> Statistical Signal Processing (M3704) <b>Elective-II</b> Optical Communication Technology (M3705) <b>Elective-II</b> Network Security and Cryptography (M4707)	Research Methodology and IPR (M0109)
<b>ECE Communication Engineering &amp; Signal Processing (46)</b>	Advanced Digital Signal Processing (M4601)	Digital Image and Video processing (M4602)	<b>Elective-I</b> DSP Architectures(M4603) <b>Elective-I</b> Statistical Signal Processing (M4604) <b>Elective-I</b> Cognitive Radio(M4605)	<b>Elective-II</b> Adaptive Signal Processing (M4606) <b>Elective-II</b> Digital Data Communications (M4607) <b>Elective-II</b> Coding Theory and Applications (M4608)	Research Methodology and IPR (M0109)
<b>ECE Systems and Signal Processing (45)</b>	Advanced Digital Signal Processing (M4601)	Digital Image and Video Processing (M4602)	<b>Elective-I</b> DSP Architectures (M4603) <b>Elective-I</b> Statistical Signal Processing (M4604) <b>Elective-I</b> Cognitive Radio (M4605)	<b>Elective-II</b> Adaptive Signal Processing (M4606) <b>Elective-II</b> Coding Theory and Applications (M4608) <b>Elective-II</b> Computer Vision (M4501)	Research Methodology and IPR (M0109)

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<b>CSE Computer Science &amp; Technology (59)</b>	Mathematical Foundations of Computer Science (M5901)	Advanced Data Structures (M8402)	<b>Elective - I</b> Artificial Intelligence (M5902) <b>Elective - I</b> Cloud Computing (M5903) <b>Elective - I</b> Digital Image Processing (M5904) <b>Elective - I</b> Advanced Operating Systems (M5905) <b>Elective - I</b> Optimization Techniques (M5906)	<b>Elective - II</b> Big Data Analytics (M5907) <b>Elective - II</b> Applied Cryptography (M5908) <b>Elective - II</b> Advanced Computer Networks (M5909) <b>Elective - II</b> Embedded Computing (M5910) <b>Elective - II</b> Parallel Computer Architecture (M5911)	Research Methodology and IPR (M0109)
<b>CSE Computer Science &amp; Engineering (58)</b>	Mathematical Foundations of Computer Science (M5801)	Advanced Data Structures & Algorithms (M5802)	<b>Elective - I</b> Big Data Analytics (M5803) <b>Elective - I</b> Digital Image Processing (M5804) <b>Elective - I</b> Advanced Operating Systems (M5805)	<b>Elective - II</b> Advanced Computer Networks (M5806) <b>Elective - II</b> Internet of Things (M5807) <b>Elective - II</b> Object oriented Software Engineering (M5808)	Research Methodology and IPR (M0109)

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