JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM
UNIVERSITY EXAMINATION CENTER, VIZIANAGARAM
M.Tech-II SEMESTER (R19 REGULATIONS) REGULAR & SUPPLE EXAMINATIONS, JULY - 2024

TIME TABLE

Morning- Time:10.00 AM To 01.00 PM

Branch & Specialization	26-07-2024 (Friday)	29-07-2024 (Monday)	31-07-2024 (Wednesday)	02-08-2024 (Friday)
		DATE & DAY		
Civil Transportation Engineering (22)	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	**Elective-III** Pavement Construction (N2203), Environmental Impact Assessment (N2204), Traffic Flow Analysis (N2205)	**Elective-IV** Geosynthetics and Reinforced Earth Structures (N2206), Highway Safety Engineering (N2207), Intelligent Transportation System (N2208)
Civil Structural Engineering (87)	Finite Element Methods in Structural Engineering (N8701)	Theory of Plates and Shells (N8702)	**Elective-III** Stability of Structures (N8703), Advanced Steel Design (N8704), Analysis of Offshore Structures (N8705)	**Elective-IV** Earthquake Resistant Design of Buildings (N8706), Precast and Prefabricated Structures (N8707), Earth Retaining Structures (N8708)
Civil Geo-Technical Engineering (20)	Advanced Foundation Engineering (N2001)	Earth Retaining Structures (N2002)	**Elective-III** Pavement Analysis Design & Evaluation (N2201), Construction Planning & Methods (N2003), Geotechnical Earthquake Engineering (N2004)	**Elective-IV** Earth Dams (N2005) Construction in Expansive Soils (N2006), Numerical Methods in Geotechnical Engineering (N2007)

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EEE Control Systems (95)	Non-Linear Systems Analysis (N9501)	Optimal Control Theory (N9502)	**Elective-III** Digital Signal Processing (N9503), Robotics and Control (N9504), Large scale systems (N9505)	**Elective-IV** Process Control and Automation (N9506), Decision and Estimation Theory (N9507), Embedded Computer Control (N9508)
EEE Power Systems (56)	Power System Dynamics and Stability (N9904)	Real Time Control of Power Systems (N9901)	**Elective-III** EHVAC Transmission (N6207) Flexible AC Transmission Systems (N6206) Hybrid Electric Vehicles (N4304)	**Elective-IV** Generation & Measurement of High Voltages (N5601) Evolutionary Algorithms and Applications (N5602) Programmable Logic Controllers & Applications (N5603)
EEE Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ (43,42,54)	Switched Mode Power Conversion (N4301)	**Power Electronic Control of Electrical Drives (N4302)**	**Elective-III** Control & Integration of Renewable Energy Systems (N4303) Hybrid Electric Vehicles (N4304) Digital Control Systems (N4305)	**Elective-IV** Advanced Digital Signal Processing (N9503) Applications of Power Converters (N4306) Microcontrollers (N43_7)

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Mechanical Thermal Engineering (21)	Advanced Heat and Mass Transfer (N2101)	Thermal Measurements and Process Controls (N2102)	**Elective-III** Equipment Design for Thermal Systems (N2103) Solar Energy Technologies (N2104), Advanced Power Plant Engineering (N2105), Combustion, Emissions and Environment (N2106)	**Elective-IV** Jet Propulsion and Rocket Engineering (N2107), Automotive Engineering (N2108), Modeling of I.C engines (N2109), Renewable Energy Technologies (N2110)
Mechanical CAD/CAM (04)	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0401)	**Elective-III** Advanced Finite Element Methods(N1303) Fracture mechanics (N0903) Product Design and Development (N0904)	**Elective-IV** Materials Characterization Techniques (N0905) Optimization & Reliability (N0906), Additive Manufacturing (N0907)
Mechanical Machine Design (15)	Advanced Finite Element Methods (N1303)	Advanced Machine Design (N1501)	**Elective-III** Theory of Plasticity (N1502), Signal Analysis and Condition Monitoring (N1503), Computational Fluid Dynamics (N1504), Composite Materials (N1505), Soft Computing (N1506), Computer Aided Mechanical Design and Analysis (N1401)	**Elective-IV** Experimental Techniques and data analysis (N1507), Design with advanced Materials (N1508), Mechatronics (N1509), Tribology (N1510), Experimental Modal Analysis (N1511)

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ECE VLSI&EMBEDED SYSTEMS (68)	Analog and Digital CMOS VLSI Design (N6801)	Real Time Operating Systems (N5502)	**Elective-III** Memory Architectures (N5503) SoC Design (N5504) Low power VLSI Design (N6802)	**Elective-IV** Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)
ECE VLSI/ VLSI Design/ VLSI System Design (57,72,61)	Mixed Signal & RF IC Design (N5701)	Physical Design Automation (N5508)	**Elective-III** Design For Testability (N5702), IOT & its Applications (N0601), VLSI Signal Processing (N5703)	**Elective-IV** Network Security & Cryptography (N5507), Microcontrollers & programmable Digital Signal Processors (N5704), Low Power VLSI Design (N5705)
ECE Digital Electronics And Communication Systems (38)	Image and Video Processing (N4702)	Wireless Communications and Networks (N4701)	**Elective-III** CMOS Analog & Digital IC Design (N3701) Advanced Computer Architecture (N3702) Soft Computing Techniques (N4605)	**Elective-IV** DSP Processors and Architectures (N4706) EMI/ EMC (N3703) Object Oriented Programming (N3704)
ECE Systems and Signal Processing (45)	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	**Elective-III** IOT and Applications (N4603) Wireless Sensors Networks (N4604) Soft Computing Techniques (N4605)	**Elective-IV** Audio/Vedio coding and compression (N4501) Biomedical Signal Processing (N4607) Optical Networks (N4608)

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CSE Computer Science & Technology (59)	Advanced Algorithms (N5901)	Machine Learning (N5801)	**Elective – III** Soft Computing (N5805), Advanced Network Principles and Protocols (N5902), Internet of Things (N5903), Open Source Programming (N5904), Pattern Recognition (N5905)	**Elective – IV** Natural Language Processing (N5906), Full Stack Technologies (N5907), Parallel Algorithms (N5908), Object Oriented Software Engineering (N5909), Distributed Database (N5910)
CSE Computer Science & Engineering (58)	Machine learning (N5801)	MEAN Stack Technologies (N5802)	**Elective – III** Advanced Databases and Mining (N5803), Ad Hoc & Sensor Networks (N5804), Soft Computing (N5805)	**Elective – IV** Cloud Computing (N5806), Principles of computer security (N5807), High Performance Computing (N5808)

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