JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTRE, KAKINADA

M.TECH II SEMESTER (R25) REGULAR I MID EXAMINATIONS – JULY- 2026

T I M E T A B L E

TIME: 10:00 AM TO 12:00 NOON

Branch & Specialization	13.07.2026 (Monday)	14.07.2026 (Tuesday)	15.07.2026 (Wednesday)	16.07.2026 (Thursday)	17.07.2026 (Friday)	18.07.2026 (Saturday)	20.07.2026 (Monday)	21.07.2026 (Tuesday)	22.07.2026 (Wednesday)	23.07.2026 (Thursday)	24.07.2026 (Friday)
Civil **Computer Aided Structural Analysis And Design** **(35)**	Finite Element Methods in Structural Engineering **(25MT23501)**	CAD & Computer Applications in Structural Engineering **(25MT23502)**	Stability of Structures **(25MT23503)**	**(Elective)** Analysis of Tall Structures **(25MT235E1)**	**(Elective)** Advanced Steel Design **(25MT235E2)**	**(Elective)** Analysis of Shells and Folded Plates **(25MT235E3)**	**(Elective)** Analysis of Offshore Structures **(25MT235E4)**	**(Elective)** Earthquake Resistant Design of Buildings **(25MT235E5)**	**(Elective)** Precast and Prefabricated Structures **(25MT235E6)**	**(Elective)** Management Information Systems **(25MT235E7)**	**(Elective)** Theory of Plates and Shells **(25MT235E8)**
Civil **Soil Mechanics & Foundation Engineering** **(19)**	Advanced Foundation Engineering **(25MT21901)**	Earth Retaining Structures **(25MT21902)**	Soil Dynamics & Machine Foundations **(25MT21903)**	**(Elective)** Pavement Analysis Design & Evaluation **(25MT219E1)**	**(Elective)** Construction Planning & Methods **(25MT219E2)**	**(Elective)** Geotechnical Earthquake Engineering **(25MT219E3)**	**(Elective)** Geotechnics of Underground Structures **(25MT219E4)**	**(Elective)** Earth Dams **(25MT219E5)**	**(Elective)** Geo Environmental Engineering **(25MT219E6)**	**(Elective)** Numerical Methods in Geotechnical Engineering **(25MT219E7)**	**(Elective)** Reliability Analysis and Design **(25MT219E8)**
Civil **Structural Engineering** **(87)**	Finite Element Methods in Structural Engineering **(25MT28701)**	Earthquake Resistant Design **(25MT28702)**	Stability of Structures **(25MT28703)**	**(Elective)** Analysis of Tall Structures **(25MT287E1)**	**(Elective)** Advanced Steel Design **(25MT287E2)**	**(Elective)** Analysis of Offshore Structures **(25MT287E3)**	**(Elective)** Structural Health Monitoring **(25MT287E4)**	**(Elective)** Theory of Plates and Shells **(25MT287E5)**	**(Elective)** Precast and Prefabricated Structures **(25MT287E6)**	**(Elective)** Earth Retaining Structures **(25MT287E7)**	**(Elective)** Industrial Structures **(25MT287E8)**
Civil Transportation Engineering **(22)**	Analysis and Design of Pavement **(25MT22201)**	Probability and Statistics for Transportation Engineering **(25MT22202)**	Road Safety Engineering and Management **(25MT22203)**	**(Elective)** Pavement Construction Practices **(25MT222E1)**	**(Elective)** Environmental Impact Assessment for Transportation Infrastructure **(25MT222E2)**	**(Elective)** Traffic Flow Analysis **(25MT222E3)**	**(Elective)** Fundamentals of Machine Learning **(25MT222E4)**	**(Elective)** Geosynthetics and Reinforced Earth Structures **(25MT222E5)**	**(Elective)** Geometric Design of Highways **(25MT222E6)**	**(Elective)** Intelligent Transportation Systems **(25MT222E7)**	**(Elective)** Pavement Evaluation and Maintenance **(25MT222E8)**

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CSE Artificial Intelligence And Data Science (AZ)	Deep Learning **(25MT2AZ01)**	Data Visualization **(25MT2AZ02)**	Feature Engineering for Machine Learning **(25MT2AZ03)**	**(Elective)** Fuzzy Logic and Fuzzy Sets **(25MT2AZE1)**	**(Elective)** Social Networking and Mining **(25MT2AZE2)**	**(Elective)** Data Preparation and Analysis **(25MT2AZE3)**	**(Elective)** Scalable Systems for Data Science **(25MT2AZE4)**	**(Elective)** Business Intelligence Tools **(25MT2AZE5)**	**(Elective)** Data Engineering **(25MT2AZE6)**	--	--
CSE CSE (Artificial Intelligence) (AF)	Machine Learning **(25MT2AF01)**	Soft Computing **(25MT2AF02)**	Natural Language Processing **(25MT2AF03)**	**(Elective)** Deep Learning **(25MT2AFE1)**	**(Elective)** Computational Intelligence **(25MT2AFE2)**	**(Elective)** Computer Vision **(25MT2AFE3)**	**(Elective)** Robotics and Intelligent Systems **(25MT2AFE4)**	**(Elective)** Reinforcement Learning **(25MT2AFE5)**	**(Elective)** AI Chatbots **(25MT2AFE6)**	--	--
CSE CSE (Artificial Intelligence & Machine Learning) (AI)	Machine Learning **(25MT2AI01)**	Deep Learning **(25MT2AI02)**	Data Science Applications **(25MT2AI03)**	**(Elective)** Cloud Computing **(25MT2AIE1)**	**(Elective)** Reinforcement Learning **(25MT2AIE2)**	**(Elective)** Generative AI **(25MT2AIE3)**	**(Elective)** Computer Vision **(25MT2AIE4)**	**(Elective)** Quantum Computing **(25MT2AIE5)**	**(Elective)** Soft computing **(25MT2AIE6)**	--	--
CSE CSE (Cyber Security) (AK)	Vulnerability Assessment and Penetration Testing **(25MT2AK01)**	Malware Analysis & Reverse Engineering **(25MT2AK02)**	Cyber Crime Investigation & Digital Forensics **(25MT2AK03)**	**(Elective)** Cloud and IoT Security **(25MT2AKE1)**	**(Elective)** AI for Cyber security **(25MT2AKE2)**	**(Elective)** Data Privacy **(25MT2AKE3)**	**(Elective)** Principles of Secure Coding **(25MT2AKE4)**	**(Elective)** Security Assessment and Risk Analysis **(25MT2AKE5)**	**(Elective)** Biometric Security **(25MT2AKE6)**	--	--
CSE CSE Data Science (AJ)	Large Language Models **(25MT2AJ01)**	Machine Learning **(25MT2AJ02)**	Big Data Analytics **(25MT2AJ03)**	**(Elective)** Deep Learning (Elective) **(25MT2AJE1)**	**(Elective)** Database and Web Application Security **(25MT2AJE2)**	**(Elective)** Software Project Management **(25MT2AJE3)**	**(Elective)** Secure Coding **(25MT2AJE4)**	**(Elective)** Object Oriented Analysis & Design **(25MT2AJE5)**	**(Elective)** Quantum Computing **(25MT2AJE6)**	**(Elective)** Information Theory & coding **(25MT2AJE7)**	**(Elective)** Block Chain Technologies **(25MT2AJE8)**
CSE Computer Science (05)	Full Stack Technologies **(25MT20501)**	Machine Learning **(25MT20502)**	Cloud Computing **(25MT20503)**	**(Elective)** Design Patterns **(25MT205E1)**	**(Elective)** Agile Methodologies **(25MT205E2)**	**(Elective)** Software Design Methodologies **(25MT205E3)**	**(Elective)** Software Architecture & Design Patterns **(25MT205E4)**	**(Elective)** Software Quality Engineering **(25MT205E5)**	**(Elective)** Social Media Analytics **(25MT205E6)**	**(Elective)** Software Requirements and Estimation **(25MT205E7)**	**(Elective)** Block Chain Technologies **(25MT205E8)**

CSE **Computer Science Engineering (58)**	Machine Learning **(25MT25801)**	Natural Language Processing **(25MT25802)**	Introduction to Quantum computing **(25MT25803)**	**(Elective)** Feature Engineering **(25MT258E1)**	**(Elective)** Generative AI **(25MT258E2)**	**(Elective)** Adhoc Sensor Networks **(25MT258E3)**	**(Elective)** Principles of Network Security **(25MT258E4)**	**(Elective)** Block Chain Technologies **(25MT258E5)**	**(Elective)** DevOps **(25MT258E6)**	**(Elective)** Secure Coding **(25MT258E7)**	**(Elective)** Design Patterns **(25MT258E8)**
CSE **Computer Science and Engineering/** **Computer Science & Engineering (BA)**	Machine Learning **(25MT2BA01)**	Natural Language Processing **(25MT2BA02)**	Introduction to Quantum computing **(25MT2BA03)**	**(Elective)** Feature Engineering **(25MT2BAE1)**	**(Elective)** Generative AI **(25MT2BAE2)**	**(Elective)** Adhoc Sensor Networks **(25MT2BAE3)**	**(Elective)** Principles of Network Security **(25MT2BAE4)**	**(Elective)** Block Chain Technologies **(25MT2BAE5)**	**(Elective)** DevOps **(25MT2BAE6)**	**(Elective)** Secure Coding **(25MT2BAE7)**	**(Elective)** Design Patterns **(25MT2BAE8)**

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ECE Digital Electronics And Communication Systems (38)	Information Theory and Coding **(25MT23801)**	IoT & its Communication Protocols **(25MT23802)**	Embedded System Design **(25MT23803)**	**(Elective)** Design for Testability **(25MT238E1)**	**(Elective)** MEMS **(25MT238E2)**	**(Elective)** System on Chip Design **(25MT238E3)**	**(Elective)** Detection and Estimation Theory **(25MT238E4)**	**(Elective)** EMI/ EMC **(25MT238E5)**	**(Elective)** ARM Controllers and Embedded C **(25MT238E6)**	--	--
ECE Embedded Systems (55)	System design using embedded processors **(25MT25501)**	Embedded and Real Time Operating Systems **(25MT25502)**	Internet of Things **(25MT25503)**	**(Elective)** AI for Embedded Systems **(25MT255E1)**	**(Elective)** Embedded System design using FPGA **(25MT255E2)**	**(Elective)** ASIC & SoC Design **(25MT255E3)**	**(Elective)** Robotics and Machine Vision **(25MT255E4)**	**(Elective)** Network Embedded Applications **(25MT255E5)**	**(Elective)** GPU Architectures and Programming **(25MT255E6**	**(Elective)** Embedded Computing System **(25MT255E7)**	**(Elective)** Cryptography and Network Security **(25MT255**
ECE VLSI (57)	CMOS Mixed Signal Circuit Design **(25MT25701)**	Physical Design Verification **(25MT25702)**	VLSI Testing & Testability **(25MT25703)**	**(Elective)** VLSI signal processing **(25MT257E1)**	**(Elective)** MEMS&NEMS **(25MT257E2)**	**(Elective)** SoC design **(25MT257E3)**	**(Elective)** Fundamentals of Semiconductor Package Manufacturing and Test **(25MT257E4)**	**(Elective)** Advanced VLSI Interconnects **(25MT257E5)**	**(Elective)** Quantum Computing **(25MT257E6)**	**(Elective)** RF IC Design **(25MT257E7)**	**(Elective)** NANO ELECTRONICS **(25MT257E8)**
ECE VLSI Design (72)	CMOS Mixed Signal Circuit Design **(25MT27201)**	Physical Design Verification **(25MT27202)**	VLSI Testing & Testability **(25MT27203)**	**(Elective)** VLSI signal processing **(25MT272E1)**	**(Elective)** MEMS&NEMS **(25MT272E2)**	**(Elective)** SoC design **(25MT272E3)**	**(Elective)** Fundamentals of Semiconductor Package Manufacturing and Test **(25MT272E4)**	**(Elective)** Advanced VLSI Interconnects **(25MT272E5)**	**(Elective)** Quantum Computing **(25MT272E6)**	**(Elective)** RF IC Design **(25MT272E7)**	**(Elective)** NANO ELECTRONICS **(25MT272E8)**
ECE VLSI & Embedded Systems (68)	Digital CMOS Circuit Design **(25MT26801)**	System design with Embedded Linux **(25MT26802)**	Embedded Real Time Operating Systems (ERTOS) **(25MT26803)**	**(Elective)** VLSI signal processing **(25MT268E1)**	**(Elective)** Advanced VLSI Interconnects **(25MT268E2)**	**(Elective)** Quantum Computing **(25MT268E3)**	**(Elective)** VLSI Testing & Testability **(25MT268E4)**	**(Elective)** System design using embedded Processors **(25MT268E5)**	**(Elective)** Architectures for DSP **(25MT268E6)**	**(Elective)** Internet of Things **(25MT268E7)**	**(Elective)** Embedded Network and Protocols **(25MT268E8)**

ECE Embedded Systems & VLSI (48)	Digital CMOS Circuit Design **(25MT24801)**	System design with Embedded Linux **(25MT24802)**	Embedded Real Time Operating Systems (ERTOS) **(25MT24803)**	**(Elective)** VLSI signal processing **(25MT248E1)**	**(Elective)** Advanced VLSI Interconnects **(25MT248E2)**	**(Elective)** Quantum Computing **(25MT248E3)**	**(Elective)** VLSI Testing & Testability **(25MT248E4)**	**(Elective)** System design using embedded Processors **(25MT248E5)**	**(Elective)** Architectures for DSP **(25MT248E6)**	**(Elective)** Internet of Things **(25MT248E7)**	**(Elective)** Embedded Network and Protocols **(25MT248 E8)**
ECE Embedded Systems & VLSI Design (81)	Digital CMOS Circuit Design **(25MT28101)**	System design with Embedded Linux **(25MT28102)**	Embedded Real Time Operating Systems (ERTOS) **(25MT28103)**	**(Elective)** VLSI signal processing **(25MT281E1)**	**(Elective)** Advanced VLSI Interconnects **(25MT281E2)**	**(Elective)** Quantum Computing **(25MT281E3)**	**(Elective)** VLSI Testing & Testability **(25MT281E4)**	**(Elective)** System design using embedded Processors **(25MT281E5)**	**(Elective)** Architectures for DSP **(25MT281E6)**	**(Elective)** Internet of Things **(25MT281E7)**	**(Elective)** Embedded Network and Protocols **(25MT281 E8)**

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EEE Power Electronics (43)	Switched Mode Power Conversion **(25MT24301)**	Power Electronic Control of Electrical Drives **(25MT24302)**	Digital Controllers for Power Electronic Applications **(25MT24303)**	**(Elective)** Control & Integration of Renewable Energy Systems **(25MT243E1)**	**(Elective)** Digital Control Systems **(25MT243E2)**	**(Elective)** Battery Management Systems and Charging Stations **(25MT243E3)**	**(Elective)** Advanced Digital Signal Processing **(25MT243E4)**	**(Elective)** Applications of Power Converters **(25MT243E5)**	**(Elective)** Industrial Internet of Things **(25MT243E6)**
EEE Power & Industrial Drives (42)	Switched Mode Power Conversion **(25MT24201)**	Power Electronic Control of Electrical Drives **25MT24202)**	Digital Controllers for Power Electronic Applications **25MT24203)**	**(Elective)** Control & Integration of Renewable Energy Systems **25MT242E1)**	**(Elective)** Digital Control Systems **25MT242E2)**	**(Elective)** Battery Management Systems and Charging Stations **25MT242E3)**	**(Elective)** Advanced Digital Signal Processing **25MT242E4)**	**(Elective)** Applications of Power Converters **25MT242E5)**	**(Elective)** Industrial Internet of Things **25MT242E6)**
EEE Electrical Power Systems (65)	Real Time Control of Power Systems **(25MT26501)**	Restructured Power Systems **(25MT26502)**	Flexible AC Transmission Systems **(25MT26503)**	**(Elective)** Generation & Measurement of High Voltages **(25MT265E1)**	**(Elective)** Evolutionary Algorithms in Power Systems **(25MT265E2)**	**(Elective)** Energy Audit Conservation & Management **(25MT265E3)**	**(Elective)** Power Quality Enhancement Using Custom Power Devices **(25MT265E4)**	**(Elective)** Renewable Energy Technologies **(25MT265E5)**	**(Elective)** Battery Management Systems and Charging Stations **(25MT265E6)**
EEE Power System Control & Automation (53)	Real Time Control of Power Systems **(25MT25301)**	Restructured Power Systems **(25MT25302)**	Flexible AC Transmission Systems **(25MT25303)**	**(Elective)** Generation & Measurement of High Voltages **(25MT253E1)**	**(Elective)** Evolutionary Algorithms in Power Systems **(25MT253E2)**	**(Elective)** Energy Audit Conservation & Management **(25MT253E3)**	**(Elective)** Power Quality Enhancement Using Custom Power Devices **(25MT253E4)**	**(Elective)** Renewable Energy Technologies **(25MT253E5)**	**(Elective)** Battery Management Systems and Charging Stations **(25MT253E6)**

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Mechanical CAD/CAM (04)	Robotics & UAV Systems **(25MT20401)**	Advanced Manufacturing Processes **(25MT20402)**	Computer Aided Manufacturing **(25MT20403)**	**(Elective)** Precision Engineering **(25MT204E1)**	**(Elective)** Theory of Elasticity and Plasticity **(25MT204E2)**	**(Elective)** Entrepreneurship & Design of Business Models **(25MT204E3)**	**(Elective)** Additive Manufacturing **(25MT204E4)**	**(Elective)** Introduction to Embedded systems **(25MT204E5)**	**(Elective)** Modeling and Simulation of Manufacturing Systems **(25MT204E6)**	**(Elective)** Smart Manufacturing **(25MT204E7)**	**(Elective)** Introduction to Quantum Technologies **(25MT204E8)**
Mechanical Machine Design (15)	Advanced Mechanisms & Robotics **(25MT21501)**	Advanced Machine Design **(25MT21502)**	Signal Analysis and Condition Monitoring **(25MT21503)**	**(Elective)** Theory of Plasticity **(25MT215E1)**	**(Elective)** Advanced Optimization Techniques **(25MT215E2)**	**(Elective)** Computational Fluid Dynamics **(25MT215E3)**	**(Elective)** Mechanics of Composite Materials **(25MT215E4)**	**(Elective)** Experimental stress analysis **(25MT215E5)**	**(Elective)** Fracture Mechanics **(25MT215E6)**	**(Elective)** Mechatronics **(25MT215E7)**	**(Elective)** Introduction to Quantum Technologies **(25MT215E8)**
Mechanical Thermal Engineering (21)	Computational Fluid Dynamics **(25MT22101)**	Experimental Analysis and Instrumentation **(25MT22102)**	Advanced Finite Element Methods **(25MT22103)**	**(Elective)** HVAC Systems **(25MT221E1)**	**(Elective)** Fundamentals Of Microfluidics **(25MT221E2)**	**(Elective)** Industrial Food Preservation **(25MT221E3)**	**(Elective)** Industrial Hydraulics and Pneumatics **(25MT221E4)**	**(Elective)** Thermal Management in EV Battery and Fuel Cell System **(25MT221E5)**	**(Elective)** Micro and Nano Scale Heat Transfer **(25MT221E6)**	**(Elective)** Design of Heat Transfer Equipment **(25MT221E7)**	**(Elective)** Introduction to Quantum Technologies **(25MT221E8)**

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