



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

**M.TECH I SEMESTER (R19 REGULATION) II MID EXAMINATIONS, JULY - 2021**

**TIME TABLE**

**TIME: 10:00 AM TO 12:00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>19-07-2021 (Monday)</b>	<b>20-07-2021 (Tuesday)</b>	<b>22-07-2021 (Thursday)</b>	<b>23-07-2021 (Friday)</b>	<b>24-07-2021 (Saturday)</b>
<b>Civil Transportation Engineering  (22)</b>	Advanced Highway Engineering (M2201)	Advanced Traffic Engineering (M2202)	<b>Elective-I</b> Bridge Engineering (M2203)  <b>Elective-I</b> Project Management (M2204)  <b>Elective-I</b> Ground Improvement Technique (M2205)	<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)	Research Methodology and IPR (M0109)
<b>Civil Structural Engineering/Structur al Design  (87)</b>	Theory of Elasticity (M8701)	Structural Dynamics (M8702)	<b>Elective-I</b> Matrix Analysis of Structures (M8703)  <b>Elective-I</b> Analytical & Numerical Methods for Structural Engineering (M8704)  <b>Elective-I</b> Design of RCC Foundations (M8705)	<b>Elective-II</b> Bridge Engineering (M8706)  <b>Elective-II</b> Repair and Rehabilitation Structures (M8707)  <b>Elective-II</b> Advanced Reinforced Concrete Design (M8708)	Advanced Concrete Technology (M8709)
<b>Civil  Soil Mechanics &amp; Foundation Engineering / Geo- Technical Engineering (19)/(20)</b>	Advanced Soil Mechanics (M2001)	Soil Investigation/Soil Exploration (M2002)	<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)	<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 System (M2008)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	19-07-2021 (Monday)	20-07-2021 (Tuesday)	22-07-2021 (Thursday)	23-07-2021 (Friday)	24-07-2021 (Saturday)
Civil  Highway Engineering  (23)	Highway Infrastructure Design (M2301)	Advanced Traffic Engineering (M2202)	<p><b>Elective – I</b> Applied Statistics (M2302)</p> <p><b>Elective – I</b> Project Management (M2204)</p> <p><b>Elective – I</b> Bridge Engineering (M2203)</p>	<p><b>Elective – II</b> Remote Sensing &amp; Global Positioning Systems (M2303)</p> <p><b>Elective – II</b> Engineering of Ground (M2304)</p> <p><b>Elective – II</b> Advanced Concrete Technology (M2305)</p>	Research Methodology and IPR (M0109)

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<b>CSE Computer Science (05)</b>	Mathematical Foundations of Computer Science (M0501)	Advanced Data Structures (M0502)	<b>Elective – I</b> Advanced Operating Systems (M5805)  <b>Elective – I</b> Advanced Computer Architecture (M0503)  <b>Elective – I</b> Parallel Computing (M0504)	<b>Elective – II</b> Advanced Data Bases (M0505)  <b>Elective – II</b> Advanced Computer Networks (M0506)  <b>Elective – II</b> Object Oriented Software Engineering (M0507)	Research Methodology and IPR (M0109)
<b>CSE Software Engineering (25)</b>	Software Engineering (M2501)	Advanced Data Structures (M5802)	<b>Elective – I</b> Software Project and Process Management (M2502)  <b>Elective – I</b> Machine Learning (M6902)  <b>Elective – I</b> E-Commerce (M2503)	<b>Elective – II</b> Software Quality Assurance and Testing (M2504)  <b>Elective – II</b> Cloud Computing (M2505)  <b>Elective – II</b> Internet of Things (M2506)	Research Methodology and IPR (M0109)
<b>CSE Cyber Security (26)</b>	Principles of Cyber Security (M2601)	Advanced Data Structures (M8402)	<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)	<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)	Research Methodology and IPR (M0109)

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<p align="center"><b>CSE Information Technology</b>  (40)</p>	<p align="center">Discrete Mathematical Structures (M4001)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center"><b>Elective – I</b> Parallel Computer Architecture (M5911)</p> <p align="center"><b>Elective – I</b> Optimization Technique (M5906)</p> <p align="center"><b>Elective – I</b> Artificial Intelligence (M5902)</p> <p align="center"><b>Elective – I</b> Service Oriented Architecture and Web Security (M4002)</p> <p align="center"><b>Elective – I</b> Internet of Things (M5807)</p>	<p align="center"><b>Elective – II</b> Imaging and Multimedia Systems (M4005)</p> <p align="center"><b>Elective – II</b> Big Data Analytics (M5907)</p> <p align="center"><b>Elective – II</b> Principles of Cryptography (M4003)</p> <p align="center"><b>Elective – II</b> Cluster and Grid Computing (M4004)</p> <p align="center"><b>Elective – II</b> Advanced Graph Theory (M4006)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>CSE Neural Networks</b>  (69)</p>	<p align="center">Artificial Neural Networks (M6901)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center"><b>Elective – I</b> Machine Learning (M6902)</p> <p align="center"><b>Elective – I</b> Intelligent Systems (M6903)</p> <p align="center"><b>Elective – I</b> Expert Systems (M6904)</p>	<p align="center"><b>Elective – II</b> Data Warehousing and Datamining (M6905)</p> <p align="center"><b>Elective – II</b> Recommender Systems (M6906)</p> <p align="center"><b>Elective – II</b> Pattern Recognition (M6907)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>CSE Computer Networks &amp; Information Security</b>  (84)</p>	<p align="center">Transport Control Protocol/Internet Protocol (M8401)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center"><b>Elective – I</b> Advanced Computer Networks (M8403)</p> <p align="center"><b>Elective – I</b> Distributed Systems (M8404)</p> <p align="center"><b>Elective – I</b> Intrusion Detection &amp; Prevention Systems (M8405)</p>	<p align="center"><b>Elective – II</b> Data Storage Technologies and Networks (M8406)</p> <p align="center"><b>Elective – II</b> Wireless Sensor Networks (M8407)</p> <p align="center"><b>Elective – II</b> Network Programming (M8408)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

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<p align="center"><b>CSE Computer Science &amp; Technology (59)</b></p>	<p align="center">Mathematical Foundations of Computer Science (M5901)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center"><b>Elective – I</b> Artificial Intelligence (M5902)</p> <p align="center"><b>Elective – I</b> Cloud Computing (M5903)</p> <p align="center"><b>Elective – I</b> Digital Image Processing (M5904)</p> <p align="center"><b>Elective – I</b> Advanced Operating Systems (M5905)</p> <p align="center"><b>Elective – I</b> Optimization Techniques (M5906)</p>	<p align="center"><b>Elective – II</b> Big Data Analytics (M5907)</p> <p align="center"><b>Elective – II</b> Applied Cryptography (M5908)</p> <p align="center"><b>Elective – II</b> Advanced Computer Networks (M5909)</p> <p align="center"><b>Elective – II</b> Embedded Computing (M5910)</p> <p align="center"><b>Elective – II</b> Parallel Computer Architecture (M5911)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>CSE Computer Science &amp; Engineering (58)</b></p>	<p align="center">Mathematical Foundations of Computer Science (M5801)</p>	<p align="center">Advanced Data Structures &amp; Algorithms (M5802)</p>	<p align="center"><b>Elective – I</b> Big Data Analytics (M5803)</p> <p align="center"><b>Elective – I</b> Digital Image Processing (M5804)</p> <p align="center"><b>Elective – I</b> Advanced Operating Systems (M5805)</p>	<p align="center"><b>Elective – II</b> Advanced Computer Networks (M5806)</p> <p align="center"><b>Elective – II</b> Internet of Things (M5807)</p> <p align="center"><b>Elective – II</b> Object oriented Software Engineering (M5808)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>CSE Computer Networks (88)</b></p>	<p align="center">Transport Control Protocol/Internet Protocol (M8401)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center"><b>Elective – I</b> Software Defined Networks (M8801)</p> <p align="center"><b>Elective – I</b> Network Coding Theory (M8802)</p> <p align="center"><b>Elective – I</b> Adhoc &amp; Sensor Networks (M8803)</p>	<p align="center"><b>Elective – II</b> Distributed Systems (M8404)</p> <p align="center"><b>Elective – II</b> Grid and Cluster Computing (M8804)</p> <p align="center"><b>Elective – II</b> Wireless Networks (M8805)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

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<b>CSE Data Science</b>	Data Predictive Analytics	Data Science Applications with Python	<b>Elective – I</b> Advanced Graph Theory (M4006) <b>Elective – I</b> Data Warehousing  <b>Elective – I</b> Artificial Intelligence	<b>Elective – II</b> Internet of Things (M2506)  <b>Elective – II</b> Social Network and Semantic Web  <b>Elective – II</b> Big Data Analytics (M5803)	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 Engines, Electric and Hybrid vehicles  <b>Elective-I</b> Cryogenic Engineering (M2105)  <b>Elective-I</b> Advanced Thermodynamics (M2106)  <b>Elective-I</b> GAS Dynamics (M2104)	<b>Elective-II</b> Energy Conservation and management (M2109)  <b>Elective-II</b> Gas Turbines (M2107)  <b>Elective-II</b> Alternative Fuels Technologies (M2108)  <b>Elective-II</b> Theory and Technology of Fuel Cells (M2110)	Research Methodology and IPR (M0109)
<b>Mechanical Thermal Sciences and Energy Systems (18)</b>	Advanced Heat Transfer (M1801)	Computational Fluid Dynamics (M2102)	<b>Elective – I</b> Advanced Thermodynamics (M2106)  <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)	<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 – II</b> Alternative Fuel Technologies (M2108)	Research Methodology and IPR (M0109)
<b>Mechanical Machine Design/Mechanical Engineering Design (15)/(14)</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> Vision Systems and Image Processing (M1511)  <b>Elective-II</b> Reliability Engineering (M1401)  <b>Elective-II</b> Design for Manufacturing & Assembly (M1303)  <b>Elective-II</b> Multi Body Dynamics (M1510)	Research Methodology and IPR (M0109)

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<p align="center"><b>Mechanical</b> <b>CAD/CAM</b>  (04)</p>	<p align="center">Geometric Modeling (M0901)</p>	<p align="center">Computer Aided Manufacturing (M0902)</p>	<p align="center"><b>Elective-I</b> Materials Technology (M1307)</p> <p align="center"><b>Elective-I</b> Computational Methods In Engineering (M0903)</p> <p align="center"><b>Elective-I</b> Mechanical Vibrations (M0904)</p>	<p align="center"><b>Elective-II</b> Mechatronics (M0905)</p> <p align="center"><b>Elective-II</b> Simulation of Manufacturing Systems (M0907)</p> <p align="center"><b>Elective-II</b> Industrial Robotics (M0906)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>Mechanical</b>  <b>Advanced Manufacturing Systems</b>  (17)</p>	<p align="center">Automation in Manufacturing (M1301)</p>	<p align="center">Advanced Manufacturing Process (M1701)</p>	<p align="center"><b>Elective-I</b> Design for Manufacturing and Assembly (M1303)</p> <p align="center"><b>Elective-I</b> Quality Engineering in Manufacturing (M1304)</p> <p align="center"><b>Elective-I</b> Total Quality Management (M1305)</p>	<p align="center"><b>Elective-II</b> Optimization and Reliability (M1306)</p> <p align="center"><b>Elective-II</b> Materials Technology (M1307)</p> <p align="center"><b>Elective-II</b> Precision Engineering (M1308)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>Computer Aided Design &amp; Manufacturing (09)</b></p>	<p align="center">Geometric Modeling (M0901)</p>	<p align="center">Computer Aided Manufacturing (M0902)</p>	<p align="center"><b>Elective-I</b> Computational Methods In Engineering (M0903)</p> <p align="center"><b>Elective-I</b> Mechanical Vibrations (M0904)</p> <p align="center"><b>Elective-I</b> Materials Technology (M1307)</p>	<p align="center"><b>Elective-II</b> Mechatronics (M0905)</p> <p align="center"><b>Elective-II</b> Simulation of Manufacturing Systems (M0907)</p> <p align="center"><b>Elective-II</b> Industrial Robotics (M0906)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center"><b>Mechanical</b>  <b>Advanced Manufacturing and Mechanical System Design</b> (13)</p>	<p align="center">Automation in Manufacturing (M1301)</p>	<p align="center">Advanced Manufacturing Processes-I (M1302)</p>	<p align="center"><b>Elective – I</b> Design for Manufacturing and Assembly (M1303)</p> <p align="center"><b>Elective – I</b> Quality Engineering in Manufacturing (M1304)</p> <p align="center"><b>Elective – I</b> Total Quality Management (M1305)</p>	<p align="center"><b>Elective – II</b> Optimization and Reliability (M1306)</p> <p align="center">Materials Technology (M1307)</p> <p align="center">Precision Engineering (M1308)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	19-07-2021 (Monday)	20-07-2021 (Tuesday)	22-07-2021 (Thursday)	23-07-2021 (Friday)	24-07-2021 (Saturday)
Automobile Engineering (AA)	Automotive Engineering (MAA01)	Computational Fluid Dynamics (M2102)	<p><b>Elective I</b> Combustion and Emission Control (MAA02)</p> <p><b>Elective I</b> Analysis of Synthesis of mechanisms (MAA03)</p> <p><b>Elective I</b> Computer Aided Design (MAA04)</p> <p><b>Elective I</b> Automotive Classis Design (MAA05)</p>	<p><b>Elective II</b> Fluid Power Systems (MAA07)</p> <p><b>Elective II</b> Design of Transmission Systems (MAA08)</p> <p><b>Elective II</b> Automotive Aerodynamics (MAA09)</p> <p><b>Elective – II</b> Advanced IC Engine, Electric and Hybrid Vehicles (M2103)</p> <p><b>Elective II</b> Automotive Electronics (MAA06)</p>	Research Methodology and IPR (M0109)

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<b>Mechanical</b>  <b>Computer Aided Analysis &amp; Design (16)</b>	Advanced Mechanics of Solids (M1501)	Finite Element Analysis (M1601)	<b>Elective I</b> Mechanical Vibrations (M0904)  <b>Elective I</b> Experimental Stress Analysis (M1602)  <b>Elective I</b> Product Design (M1603)	<b>Elective II</b> Non Destructive Evaluation (M1508)  <b>Elective II</b> Geometric Modelling (M1604)  <b>Elective II</b> Computational Methods in Engineering (M0903)	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 I</b> Ground Improvement Techniques (MBB03)  <b>Elective I</b> Tunneling and Underground Space Technology (MBB04)  <b>Elective I</b> Modern Surveying Techniques (MBB05)	<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)	Research Methodology and IPR (M0109)

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<b>ECE  VLSI&amp;EMBEDED SYSTEMS/ EMBEDED SYSTEMS &amp; VLSI /VLSID&amp;ES/ES&amp;VLSID (68,48,77,81)</b>	Microcontroller s and Programmable Digital Signal Processors (M5502)	RTL Simulation and Synthesis with PLDs (M6801)	<b>Elective-I</b> VLSI Signal Processing (M5505)  <b>Elective-I</b> Digital Signal Image Processing (M5503)  <b>Elective-I</b> Parallel Processing (M5504)	<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/ VLSI &amp; Micro Electronics (57,72,61,76)</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 Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing (46,80)</b>	Digital Image and Video processing (M4602)	Advanced Digital Signal Processing (M4601)	<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>BRANCH &amp; SPECIALIZATION</b>	<b>19-07-2021 (Monday)</b>	<b>20-07-2021 (Tuesday)</b>	<b>22-07-2021 (Thursday)</b>	<b>23-07-2021 (Friday)</b>	<b>24-07-2021 (Saturday)</b>

<p style="text-align: center;"><b>ECE</b> <b>Embedded Systems</b>  (55)</p>	<p style="text-align: center;">Microcontroller s and Programmable Digital Signal Processors (M5502)</p>	<p style="text-align: center;">Embedded System Design (M5501)</p>	<p style="text-align: center;"><b>Elective-I</b> VLSI Signal Processing (M5505)</p> <p style="text-align: center;"><b>Elective-I</b> Digital Signal Image Processing (M5503)</p> <p style="text-align: center;"><b>Elective-I</b> Parallel Processing (M5504)</p>	<p style="text-align: center;"><b>Elective-II</b> Programming Languages for Embedded Systems (M5506)</p> <p style="text-align: center;"><b>Elective-II</b> System Design with Embedded Linux (M5507)</p> <p style="text-align: center;"><b>Elective-II</b> CAD of Digital System (M5508)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;"><b>ECE</b> <b>Digital Systems &amp; Computer Electronics (DSCE)</b>  (06)</p>	<p style="text-align: center;">VLSI Technology and Design (M3703)</p>	<p style="text-align: center;">Digital Data Communications (M4607)</p>	<p style="text-align: center;"><b>Elective-I</b> Wireless Communications and Networks (M0601)</p> <p style="text-align: center;"><b>Elective-I</b> Digital System Design (M3701)</p> <p style="text-align: center;"><b>Elective-I</b> Internet Protocols (M0602)</p>	<p style="text-align: center;"><b>Elective-II</b> Image and Video Processing (M4602)</p> <p style="text-align: center;"><b>Elective-II</b> Software Defined Radio (I0603)</p> <p style="text-align: center;"><b>Elective-II</b> Network Security and Cryptography (M4707)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;"><b>ECE</b> <b>Digital Electronics &amp; Communication Engineering/Digital Electronics And Communication Systems/ Electronics &amp; Communication Engineering</b>  (37,38,70)</p>	<p style="text-align: center;">Digital Data Communication s (M4607)</p>	<p style="text-align: center;">Digital System Design (M3701)</p>	<p style="text-align: center;"><b>Elective-I</b> Transform Techniques (M3702)</p> <p style="text-align: center;"><b>Elective-I</b> VLSI Technology and Design (M3703)</p> <p style="text-align: center;"><b>Elective-I</b> Radar Signal Processing (M4702)</p>	<p style="text-align: center;"><b>Elective-II</b> Statistical Signal Processing (M3704)</p> <p style="text-align: center;"><b>Elective-II</b> Network Security and Cryptography (M4707)</p> <p style="text-align: center;"><b>Elective-II</b> Optical Communication Technology (M3705)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;"><b>ECE</b> <b>Communication Systems</b>  (47)</p>	<p style="text-align: center;">Digital Data Communication s (M4607)</p>	<p style="text-align: center;">Advanced Digital Signal Processing (M4701)</p>	<p style="text-align: center;"><b>Elective-I</b> Radar Signal Processing (M4702)</p> <p style="text-align: center;"><b>Elective-I</b> RF Circuit Design (M4703)</p> <p style="text-align: center;"><b>Elective-I</b> Advanced Computer Networks (M4704)</p>	<p style="text-align: center;"><b>Elective-II</b> Wireless LANs &amp; PANS (M4705)</p> <p style="text-align: center;"><b>Elective-II</b> Mobile Computing Technologies (M4706)</p> <p style="text-align: center;"><b>Elective-II</b> Network Security and Cryptography (M4707)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>19-07-2021 (Monday)</b>	<b>20-07-2021 (Tuesday)</b>	<b>22-07-2021 (Thursday)</b>	<b>23-07-2021 (Friday)</b>	<b>24-07-2021 (Saturday)</b>
<b>ECE</b> <b>System Signal Processing/Digital Image Processing (45,63)</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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(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above time table immediately



**Date: 13-07-2021**

**Controller of Examinations**



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

**M.TECH I SEMESTER (R19 REGULATION) II MID EXAMINATIONS, JULY – 2021**

**TIME TABLE**

**TIME: 10:00 AM TO 12:00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>19-07-2021 (Monday)</b>	<b>20-07-2021 (Tuesday)</b>	<b>22-07-2021 (Thursday)</b>	<b>23-07-2021 (Friday)</b>	<b>24-07-2021 (Saturday)</b>
<p align="center"><b>EEE</b></p> <p align="center"><b>Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS &amp;C/Advanced Power System (50)/Power Engineering &amp; Energy Systems</b></p> <p align="center"><b>(56,53,50,60,65,30,31)</b></p>	<p align="center">Analysis of Power Electronics Converters <b>(M4302)</b></p>	<p align="center">Power System Operation and Control <b>(M9901)</b></p>	<p align="center"><b>Elective-I</b> Electrical Distribution Automation <b>(M9904)</b></p> <p align="center"><b>Elective-I</b> Power System Deregulation <b>(M5601)</b></p> <p align="center"><b>Elective-I</b> Renewable Energy Technologies <b>(M4306)</b></p>	<p align="center"><b>Elective-II</b> Advanced Power Systems Protection <b>(M9905)</b></p> <p align="center"><b>Elective-II</b> Power System Reliability <b>(M5602)</b></p> <p align="center"><b>Elective-II</b> HVDC Transmission <b>(M6204)</b></p>	<p align="center">Research Methodology and IPR <b>(M0109)</b></p>
<p align="center"><b>EEE</b></p> <p align="center"><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></p> <p align="center"><b>(43,42,54,52,44,12)</b></p>	<p align="center">Analysis of Power Electronic Converters <b>(M4302)</b></p>	<p align="center">Electrical Machines Modeling &amp; Analysis <b>(M4301)</b></p>	<p align="center"><b>Elective-I</b> Power Quality and Custom Power Devices <b>(M4304)</b></p> <p align="center"><b>Elective-I</b> Programmable Logic Controllers and Applications <b>(M4305)</b></p> <p align="center"><b>Elective-I</b> Modern Control Theory <b>(M4303)</b></p>	<p align="center"><b>Elective-II</b> Renewable Energy Technologies <b>(M4306)</b></p> <p align="center"><b>Elective-II</b> HVDC Transmission and Flexible AC Transmission Systems <b>(M4307)</b></p> <p align="center"><b>Elective-II</b> Artificial Intelligence Techniques <b>(M6203)</b></p>	<p align="center">Research Methodology and IPR <b>(M0109)</b></p>

BRANCH & SPECIALIZATION	19-07-2021 (Monday)	20-07-2021 (Tuesday)	22-07-2021 (Thursday)	23-07-2021 (Friday)	24-07-2021 (Saturday)
<p style="text-align: center;"><b>EEE</b> <b>Power Electronics &amp; Power Systems</b>  (99)</p>	<p style="text-align: center;">Analysis of Power Electronic Converters (M4302)</p>	<p style="text-align: center;">Power System Operation &amp; Control (M9901)</p>	<p style="text-align: center;"><b>Elective-I</b> Power Quality (M4304)</p> <p style="text-align: center;"><b>Elective-I</b> Control &amp; Integration of Renewable Energy Systems (M9902)</p> <p style="text-align: center;"><b>Elective-I</b> Advanced Digital Signal Processing (M9903)</p>	<p style="text-align: center;"><b>Elective-II</b> Electrical Distribution Automation (M9904)</p> <p style="text-align: center;"><b>Elective-II</b> Advanced Power Systems Protection (M9905)</p> <p style="text-align: center;"><b>Elective-II</b> HVDC Transmission (M6204)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;"><b>EEE</b> <b>High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering</b> (62,29)</p>	<p style="text-align: center;">Dielectric and Insulation Engineering (M6202)</p>	<p style="text-align: center;">Generation &amp; Measurement of High Voltages (M6201)</p>	<p style="text-align: center;"><b>Elective-I</b> Breakdown Phenomenon in Electrical Insulation (M6205)</p> <p style="text-align: center;"><b>Elective-I</b> HVDC Transmission (M6204)</p> <p style="text-align: center;"><b>Elective-I</b> Artificial Intelligence Techniques (M6203)</p>	<p style="text-align: center;"><b>Elective-II</b> High Voltage Power Apparatus and Diagnostics (M6206)</p> <p style="text-align: center;"><b>Elective-II</b> Collision Phenomena in Plasma Science (M6206)</p> <p style="text-align: center;"><b>Elective-II</b> Advanced Electro Magnetic Fields (M6208)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;"><b>EEE</b> <b>Control Systems/Control Engineering</b>  (95,28)</p>	<p style="text-align: center;">Advanced Control Theory (M9501)</p>	<p style="text-align: center;">Advanced Digital Control Systems (M9502)</p>	<p style="text-align: center;"><b>Elective-I</b> System and Parameter Identification (M9505)</p> <p style="text-align: center;"><b>Elective-I</b> Computer Controlled Systems (M9503)</p> <p style="text-align: center;"><b>Elective-I</b> Control of Special Machines (M9504)</p>	<p style="text-align: center;"><b>Elective-II</b> Stochastic Estimation and Control (M9508)</p> <p style="text-align: center;"><b>Elective-II</b> Optimization Techniques (M9506)</p> <p style="text-align: center;"><b>Elective-II</b> Micro controllers and Applications (M9507)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>

<b>BRANCH &amp; SPECIALIZATION</b>	<b>19-07-2021 (Monday)</b>	<b>20-07-2021 (Tuesday)</b>	<b>22-07-2021 (Thursday)</b>	<b>23-07-2021 (Friday)</b>	<b>24-07-2021 (Saturday)</b>
<b>EEE High Voltage Power Systems Engineering (64)</b>	Dielectric and Insulation Engineering (M6202)	Generation & Measurement of High Voltages (M6201)	<b>Elective-I</b> Breakdown Phenomenon in Electrical Insulation (M6205)  <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 (M6206)  <b>Elective-II</b> Advanced Electro Magnetic Fields (M6208)	Research Methodology and IPR (M0109)

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Date: 13-07-2021

Controller of Examinations