

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

**M.TECH I SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS – FEBRUARY, 2020  
(For 2019 Admitted Batch Only)**

**TIME TABLE**

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

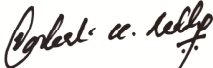
<b>BRANCH &amp; SPECIALIZATION</b>	<b>03.02.2020 (Monday)</b>	<b>05.02.2020 (Wednesday)</b>	<b>07.02.2020 (Friday)</b>	<b>10.02.2020 (Monday)</b>	<b>12.02.2020 (Wednesday)</b>	<b>14.02.2020 (Friday)</b>	<b>17.02.2020 (Monday)</b>	<b>19.02.2020 (Wednesday)</b>	<b>22.02.2020 (Saturday)</b>	<b>24.02.2020 (Monday)</b>
<b>Civil Transportation Engineering (22)</b>	Advanced Highway Engineering (M2201)	---	Advanced Traffic Engineering (M2202)	<b>Elective-I</b> Ground Improvement Technique (M2205)	<b>Elective-I</b> Project Management (M2204)	<b>Elective-II</b> GIS for Transportation (M2206)  <b>Elective-II</b> Pavement Management System (M2207)	<b>Elective-I</b> Bridge Engineering (M2203)	<b>Elective-II</b> Transportation Modeling and Simulation (M2208)	---	Research Methodolog y and IPR (M0109A)
<b>Civil Structural Engineering/Stru ctural Design (87)/(85)</b>	Advanced Concrete Technology (M8709)	<b>Elective-I</b> Matrix Analysis of Structures (M8703)	Structural Dynamics (M8702)	Theory of Elasticity (M8701)	<b>Elective-I</b> Analytical & Numerical Methods for Structural Engineering (M8704)  <b>Elective-I</b> Design of Reinforced Concrete Foundations (M8705)	<b>Elective-II</b>  Repair and Rehabilitation of Structures (M8707)  <b>Elective-II</b> Advanced Reinforced Concrete Design (M8708)	<b>Elective-II</b> Bridge Engineering (M8706)	---	---	---

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
<p><b>Civil</b> <b>Computer Aided Structural Analysis and Design</b> <b>(35)</b></p>	Advanced Concrete Technology (M8709)	<b>Elective-I</b> Matrix Analysis of Structures (M8703)	<b>Elective-I</b> Structural Dynamics (M8702)	Theory of Elasticity (M8701)	<b>Elective-I</b> Analytical & Numerical Methods for Structural Engineering (M8704)	<p><b>Elective-II</b> Modeling, Simulation and Computer Applications (M3502)</p> <p><b>Elective-II</b> Repair and Rehabilitation of Structures (M8707)</p> <p><b>Elective-II</b> Advanced Reinforced Concrete Design (M8708)</p>	C++ and Data Structures (M3501)	----	----	----
<p><b>Civil</b> <b>Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering</b> <b>(19)/(20)</b></p>	Soil Investigation /Soil Exploration (M2002)	Advanced Soil Mechanics (M2001)	----	<b>Elective-I</b> Ground Improvement Techniques (M2003)	<p><b>Elective-I</b> Soil-Foundation Interaction. (M2004)</p> <p><b>Elective-I</b> Critical State Soil Mechanics (M2005)</p>	<p><b>Elective-II</b> Design with Geo-synthetics (M2006)</p> <p><b>Elective-II</b> Rock Mechanics (M2007)</p> <p><b>Elective-II</b> Remote Sensing and Geographical Information Systems (M2008)</p>	----	----	----	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
<b>Civil 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 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> Environmental Legislations and Management Systems (M8608)	<b>Elective – II</b> Environmental Chemistry and Microbiology (M8606)	<b>Elective – II</b> Urban Storm water Management (M8607)	---	Research Methodology and IPR (M0109)

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Date: 21-01-2020

  
Controller of Examinations

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<b>CSE 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 – I</b> Advanced Operating Systems (M5805)	<b>Elective – I</b> Parallel Computing (M0504)	<b>Elective – II</b> Advanced Computer Networks (M0506)	Research Methodolo gy and IPR (M0109)
<b>CSE 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 – 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)	----	----	----	Research Methodolo gy and IPR (M0109)

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<b>CSE Cyber Security (26)</b>	Advanced Data Structures (M8402)	Principles of Cyber Security (M2601)	---	----	<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)
<b>CSE Information Technology (40)</b>	Advanced Data Structures (M8402)	Discrete Mathematical Structures (M4001)	<b>Elective – I</b> Parallel Computer Architecture (M5911)	<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)	---	<b>Elective – II</b> Big Data Analytics (M5907)	---	Research Methodology and IPR (M0109)


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<b>CSE Neural Networks (69)</b>	Advanced Data Structures (M8402)	Artificial Neural Networks (M6901)	----	----	<b>Elective – I</b> Machine Learning (M6902)  <b>Elective – I</b> Intelligent Systems (M6903)  <b>Elective – I</b> Expert Systems (M6904)	<b>Elective – II</b> Data Warehousing and Datamining (M6905)  <b>Elective – II</b> Recommender Systems (M6906)  <b>Elective – II</b> Pattern Recognition (M6907)	----	----	----	Research Methodolo gy and IPR (M0109)
<b>CSE Computer Networks &amp; Information Security (84)</b>	Advanced Data Structures (M8402)	Transport Control Protocol/Inter net 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)  <b>Elective – II</b> Network Programming (M8408)	----	----	----	Research Methodolo gy and IPR (M0109)

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

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<b>CSE Computer Networks (94)</b>	Advanced Data Structures (M8402)	Transport Control Protocol/Inter net Protocol (M8401)	---	<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)	<b>Elective – II</b>  Grid and Cluster Computing (M9404)  <b>Elective – II</b>  Wireless Networks (M9405)	---	---	---	Research Methodolo gy and IPR (M0109)
<b>CSE Data Science (88)</b>	Data Predictive Analytics (M8801)	Data Science Applications with Python (M8802)	---	<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)  <b>Elective – II</b>  Social Network and Semantic Web (M8805)	---	<b>Elective – II</b>  Big Data Analytics (M5803)	---	Research Methodolo gy and IPR (M0109)

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<b>Mechanical Thermal Engineering (21)</b>	---	<b>Elective-I</b> Advanced Thermodynamics (M2106)	---	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)	<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)	Computational Fluid Dynamics (M2102)	<b>Elective-II</b> Alternative Fuels Technologies (M2108)	---	Research Methodology and IPR (M0109)
<b>Mechanical Thermal Sciences and Energy Systems (18)</b>	<b>Elective – I</b> Advanced IC Engine, Electric and Hybrid vehicles (M2103)	<b>Elective – I</b> Advanced Thermodynamics (M2106)	Advanced Heat Transfer (M1801)	<b>Elective – II</b> Advanced Fluid Mechanics (M2101)	<b>Elective – I</b> Refrigeration & Cryogenics (M1802)  <b>Elective – I</b> Thermal & Nuclear Power Plants (M1803)	<b>Elective – II</b> Thermal Measurements and Process Controls (M1804)  <b>Elective – II</b> Gas Turbines and Jet Propulsion (M1805)	Computational Fluid Dynamics (M2102)	<b>Elective – II</b> Alternative Fuel Technologies (M2108)	---	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-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)	<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> Design for Manufacturing & Assembly (M1303)	<b>Elective-II</b> Non-Destructive Evaluation (M1508)	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-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)	<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-II</b> Non-Destructive Evaluation (M1508)	Research Methodology and IPR (M0109)

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

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

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<b>Automobile Engineering (AA)</b>	Automotive Engineering (MAA01)	---	---	<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)	<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)	Computational Fluid Dynamics (M2102)	---	---	Research Methodology and IPR (M0109)
<b>Mechanical Computer Aided Analysis &amp; Design (16)</b>	Finite Element Analysis (M1601)	Advanced Mechanics of Solids (M1501)	---	<b>Elective II</b> Geometric Modelling (M1604)	<b>Elective I</b> Experimental Stress Analysis (M1602)  <b>Elective I</b> Product Design (M1603)	<b>Elective II</b> Computational Methods in Engineering (M0903)	<b>Elective I</b> Mechanical Vibrations (M0904)	---	<b>Elective II</b> Non Destructive Evaluation (M1508)	Research Methodology and IPR (M0109)

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<b>Mechanical Mining Engineering (BB)</b>	Advanced Rock Mechanics and Ground Control ( <b>MBB01</b> )	Mine Planning and Design ( <b>MBB02</b> )	---	---	<b>Elective I</b> Ground Improvement Techniques ( <b>MBB03</b> )  <b>Elective I</b> Tunneling and Underground Space Technology ( <b>MBB04</b> )  <b>Elective I</b> Modern Surveying Techniques ( <b>MBB05</b> )	<b>Elective II</b> Instrumentation In Mining ( <b>MBB06</b> )  <b>Elective II</b> Introduction to Robotics and Application to Mining ( <b>MBB07</b> )  <b>Elective II</b> Remote Sensing & Geographical Information Systems ( <b>MBB08</b> )	---	---	---	Research Methodolo gy and IPR ( <b>M0109</b> )

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<b>ECE VLSI&amp;EMBEDED SYSTEMS/ EMBEDED SYSTEM &amp; VLSI /VLSID&amp;ES/ES&amp;VLSID (68,48,77,81)</b>	Microcontrollers 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 and 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)

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
ECE Communication Engineering & Signal Processing/ Communication & Signal Processing (46,80)	Elective-II Coding Theory and Applications (M4608)	Elective-II Digital Data Communications (M4607)	Advanced Digital Signal Processing (M4601)	Elective-I Statistical Signal Processing (M4604)	Elective-I DSP Architectures (M4603)  Elective-I Cognitive Radio (M4605)	Elective-II Adaptive Signal Processing (M4606)	Digital Image and Video processing (M4602)	---	----	Research Methodology and IPR (M0109)
ECE Embedded Systems (55)	Microcontrollers and Programmable Digital Signal Processors (M5502)	Embedded System Design (M5501)	---	----	Elective-I VLSI Signal Processing (M5505)  Elective-I Digital Signal and Image Processing (M5503)  Elective-I Parallel Processing (M5504)	Elective-II Programming Languages for Embedded Systems (M5506)  Elective-II System Design with Embedded Linux (M5507)  Elective-II CAD of Digital System (M5508)	---	---	----	Research Methodology and IPR (M0109)
ECE Digital Systems & Computer Electronics (DSCE) (06)	VLSI Technology and Design (M3703)	Digital Data Communications (M4607)	--	Elective-II Network Security and Cryptography (M4707)	Elective-I Wireless Communications and Networks (M0601)  Elective-I Digital System Design (M3701)  Elective-I Internet Protocols (M0602)	Elective-II Software Defined Radio (M0603)	Elective-II Image and Video Processing (M4602)	---	----	Research Methodology and IPR (M0109)



BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
<p>ECE Digital Electronics &amp; Communication Engineering/Digital Electronics And Communication Systems/ Electronics &amp; Communication Engineering (37,38,70)</p>	<p><b>Elective-I</b> VLSI Technology and Design (M3703)</p>	<p>Digital Data Communications (M4607)</p>	---	<p><b>Elective-II</b> Statistical Signal Processing (M3704)</p> <p><b>Elective-II</b> Network Security and Cryptography (M4707)</p>	<p>Digital System Design (M3701)</p> <p><b>Elective-I</b> Transform Techniques (M3702)</p>	---	---	<p><b>Elective-I</b> Radar Signal Processing (M4702)</p>	<p><b>Elective-II</b> Optical Communication Technology (M3705)</p>	<p>Research Methodology and IPR (M0109)</p>
<p>ECE Communication Systems (47)</p>	---	<p>Digital Data Communications (M4607)</p>	<p>Advanced Digital Signal Processing (M4701)</p>	<p><b>Elective-II</b> Network Security and Cryptography (M4707)</p>	---	<p><b>Elective-II</b> Wireless LANs &amp; PANS (M4705)</p> <p><b>Elective-II</b> Mobile Computing Technologies (M4706)</p>	---	<p><b>Elective-I</b> Radar Signal Processing (M4702)</p> <p><b>Elective-I</b> RF Circuit Design (M4703)</p> <p><b>Elective-I</b> Advanced Computer Networks (M4704)</p>	---	<p>Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
ECE System & Signal Processing/Digital Image Processing (45,63)	Elective-II Coding Theory and Applications (M4608)	----	Advanced Digital Signal Processing (M4601)	Elective-I Statistical Signal Processing (M4604)	Elective-I DSP Architectures (M4603)  Elective-I Cognitive Radio (M4605)	Elective-II Adaptive Signal Processing (M4606)  Elective-II Computer Vision (M4501)	Digital Image and Video Processing (M4602)	----	----	Research Methodolo gy and IPR (M0109)

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Date: 21-01-2020



Controller of Examinations

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

**M. TECH I SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS – FEBRUARY, 2020  
(For 2019 Admitted Batch Only)**

**TIME TABLE**

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


<b>BRANCH &amp; SPECIALIZATION</b>	<b>03.02.2020 (Monday)</b>	<b>05.02.2020 (Wednesday)</b>	<b>07.02.2020 (Friday)</b>	<b>10.02.2020 (Monday)</b>	<b>12.02.2020 (Wednesday)</b>	<b>14.02.2020 (Friday)</b>	<b>17.02.2020 (Monday)</b>	<b>19.02.2020 (Wednesday)</b>	<b>22.02.2020 (Saturday)</b>	<b>24.02.2020 (Monday)</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 /</b> <b>(56,53,30,31,50,60,65)</b>	Analysis of Power Electronics Converter <b>(M4302)</b>	<b>Elective-I</b> Renewable Energy Technologies <b>(M4306)</b>	<b>Elective-I</b> Electrical Distribution Automation <b>(M9904)</b>	Power System Operation and Control <b>(M9901)</b>	<b>Elective-I</b> Power System Deregulation <b>(M5601)</b>	<b>Elective-II</b> Advanced Power Systems Protection <b>(M9905)</b>  <b>Elective-II</b> Power System Reliability <b>(M5602)</b>	<b>Elective-II</b>  HVDC Transmission <b>(M6204)</b>	----	----	Research Methodolo gy 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> 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-II</b> HVDC Transmission and Flexible AC Transmission Systems <b>(M4307)</b>	---	<b>Elective-I</b> Modern Control Theory <b>(M4303)</b>	<b>Elective-II</b> Artificial Intelligence Techniques <b>(M6203)</b>	Research Methodolo gy and IPR <b>(M0109)</b>

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
<p>EEE</p> <p><b>Power Electronics &amp; Power Systems</b></p> <p>(99)</p>	<p>Analysis of Power Electronic Converters (M4302)</p>	---	<p><b>Elective-II</b></p> <p>Electrical Distribution Automation (M9904)</p>	<p>Power System Operation &amp; Control (M9901)</p>	<p><b>Elective-I</b></p> <p>Power Quality (M4304)</p> <p><b>Elective-I</b></p> <p>Control &amp; Integration of Renewable Energy Systems (M9902)</p> <p><b>Elective-I</b></p> <p>Advanced Digital Signal Processing (M9903)</p>	---	<p><b>Elective-II</b></p> <p>HVDC Transmission (M6204)</p> <p><b>Elective-II</b></p> <p>Advanced Power System Protection (M9905)</p>	---	---	<p>Research Methodology and IPR (M0109)</p>
<p>EEE</p> <p><b>High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering</b></p> <p>(62,29)</p>	<p>Dielectric and Insulation Engineering (M6202)</p>	---	---	---	<p><b>Elective-I</b></p> <p>Breakdown Phenomenon in Electrical Insulation (M6205)</p>	<p><b>Elective-II</b></p> <p>High Voltage Power Apparatus and Diagnostics (M6206)</p> <p><b>Elective-II</b></p> <p>Collision Phenomena in Plasma Science (M6207)</p> <p><b>Elective-II</b></p> <p>Advanced Electro Magnetic Fields (M6208)</p>	<p><b>Elective-I</b></p> <p>HVDC Transmission (M6204)</p>	<p>Generation &amp; Measurement of High Voltages (M6201)</p>	<p><b>Elective-I</b></p> <p>Artificial Intelligence Techniques (M6203)</p>	<p>Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	03.02.2020 (Monday)	05.02.2020 (Wednesday)	07.02.2020 (Friday)	10.02.2020 (Monday)	12.02.2020 (Wednesday)	14.02.2020 (Friday)	17.02.2020 (Monday)	19.02.2020 (Wednesday)	22.02.2020 (Saturday)	24.02.2020 (Monday)
<b>EEE</b>  <b>Control Systems/Control Engineering</b>  <b>(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> 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)	<b>Elective-II</b> Micro controllers and Applications (M9507)	----	----	----	Research Methodology and IPR (M0109)
<b>EEE High Voltage Power Systems Engineering</b>  <b>(64)</b>	Dielectric and Insulation Engineering (M6202)	----	----	----	<b>Elective-I</b> Breakdown Phenomenon in Electrical Insulation (M6205)	<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)	<b>Elective-I</b> HVDC Transmission (M6204)	Generation & Measurement of High Voltages (M6201)	<b>Elective-I</b> Artificial Intelligence Techniques (M6203)	Research Methodology and IPR (M0109)

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<b>Petroleum Engineering (08)</b>	<b>Elective-I</b> Advanced Numerical Methods and Applied Statistics (M0805)	Fundamentals of Petroleum Geology and Reservoir Engineering (M0802)	Reservoir Stimulation (M0803)	Petroleum well Drilling and Production Engineering (M0804)	<b>Elective-I</b> Coal Bed Methane Engineering & Shale Gas Engineering (M0806)	<b>Elective-II</b> Transportation of Oil and Gas (M0807)  <b>Elective-II</b> Advanced Well Logging techniques & Well Testing Analysis (M0808)	Offshore Drilling (M0801)	----	----	Research Methodology and IPR (M0109A)

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