

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA- 533003**

**M.TECH II SEMESTER (R16) REGULAR/ SUPPLEMENTARY EXAMINATIONS – JULY/AUG, 2019**  
**(2018,2017 & 2016 ADMITTED BATCHES)**

**TIME TABLE**

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

BRANCHES AND SPECIALIZATIONS	22.07.2019 (Monday)	24.07.2019 (Wednesday)	26.07.2019 (Friday)	29.07.2019 (Monday)	01.08.2019 (Thursday)	03.08.2019 (Saturday)	06.08.2019 (Tuesday)	08.08.2019 (Thursday)	13.08.2019 (Tuesday)	16.08.2019 (Friday)
<b>CIVIL STRUCTURAL ENGINEERING/ STRUCTURAL DESIGN (87/85)</b>	Earthquake Resistant Design (J8702)	<b>Elective – II</b> Industrial Structures (J8708)  Bridge Engineering (J8709)  Earth Retaining Structures (J8710)	Stability of Structures (J8703)	Theory of Plates & Shells (J8704)	<b>Elective – I</b> Pre-stressed Concrete (J8705)  Mechanics of Composite Materials (J8706)  Fracture Mechanics (J8707)	Finite Element Method (J8701)	---	---	---	---
<b>CIVIL TRANSPORTATION ENGINEERING (22)</b>	Transportation Economics & Project Appraisal (J2201)	Traffic Flow Analysis (J2202)	Land Use & Regional Transportation Planning (J2203)	Transportation Systems Management (J2204)	<b>Elective – I</b> Pavement Construction & Evaluation (J2205)  Environmental Impact Assessment (J2206)	<b>Elective – II</b> Intelligent Transportation Systems (J2207)  Ground Improvement Techniques (J2208)	---	---	----	----
BRANCHES AND SPECIALIZATIONS	22.07.2019 (Monday)	24.07.2019 (Wednesday)	26.07.2019 (Friday)	29.07.2019 (Monday)	01.08.2019 (Thursday)	03.08.2019 (Saturday)	06.08.2019 (Tuesday)	08.08.2019 (Thursday)	13.08.2019 (Tuesday)	16.08.2019 (Friday)

<p align="center"><b>CIVIL GEO INFORMATICS (74)</b></p>	<p align="center">Digital Image Processing (J7402)</p>	<p align="center">Digital Photogrammetry (J7401)</p>	<p align="center">Internet GIS (J7403)</p>	<p align="center">Geodesy &amp; GNSS (J7404)</p>	<p align="center">Spatial Decision Support Systems (J7405)</p>	<p align="center"><b>Elective – I</b> Disaster Management (J7406) Data Warehousing &amp; Data Mining (J7407) Advanced Surveying &amp; Cartography (J7408) Remote Sensing and GIS Applications in Environment (J7409) Geo-Statistical Methods (J7410)</p>	<p align="center">---</p>	<p align="center">---</p>	<p align="center">---</p>	<p align="center">---</p>
<p align="center"><b>CIVIL SOIL MECHANICS &amp; FOUNDATION ENGINEERING/ GEOTECHNICAL ENGINEERING (19 / 20)</b></p>	<p align="center">Foundation Engineering – II (J1901)</p>	<p align="center">Earth Retaining Structures (J8710)</p>	<p align="center">Soil Dynamics &amp; Machine Foundations (J1902)</p>	<p align="center">Construction in Expansive Soils (J1903)</p>	<p align="center"><b>Elective – I</b> Pavement Analysis, Design and Evaluation (J1904)  Construction Planning &amp; Methods (J1905)  Geotechnical Earth Quake Engineering (J1906)</p>	<p align="center"><b>Elective – II</b> Geo- Environmental Engineering (J1907)  Numerical Methods in Geotechnical Engineering (J1908)  Finite Element Method (J8701)</p>	<p align="center">---</p>	<p align="center">---</p>	<p align="center">---</p>	<p align="center">----</p>
<p align="center"><b>BRANCHES AND SPECIALIZATIONS</b></p>	<p align="center"><b>22.07.2019 (Monday)</b></p>	<p align="center"><b>24.07.2019 (Wednesday)</b></p>	<p align="center"><b>26.07.2019 (Friday)</b></p>	<p align="center"><b>29.07.2019 (Monday)</b></p>	<p align="center"><b>01.08.2019 (Thursday)</b></p>	<p align="center"><b>03.08.2019 (Saturday)</b></p>	<p align="center"><b>06.08.2019 (Tuesday)</b></p>	<p align="center"><b>08.08.2019 (Thursday)</b></p>	<p align="center"><b>13.08.2019 (Tuesday)</b></p>	<p align="center"><b>16.08.2019 (Friday)</b></p>

<b>CIVIL HIGH WAY ENGINEERING G (23)</b>	Highway Project Formulation and Economics (J2301)	Pavement Construction, Maintenance and Management (J2302)	Pavement Analysis and Design (J2303)	Traffic Analysis (J2304)	<b>Elective – I</b> Road Safety Engineering (J2305) Land use and Transportation Modeling (J2306) Transportation System Management (J2307)	<b>Elective – II</b> Environmental Impact Assessment for Transportation (J2308) GIS Applications in Transportation Engineering (J2309) Optimization Techniques (J2310)	---	---	---	---
<b>CIVIL COMPUTER AIDED STRUCTURAL ENGINEERING G (35)</b>	<b>Elective – I</b> Analysis of Shells and Folded Plates (J3504) Reliability Based Engineering Design (J3505) <b>Earthquake Resistant Structures (J8702)</b>	Structural Dynamics (J3501)	Artificial Neural Networks (J3502)	CAD & Computer applications in Structural Engineering (J3503)	<b>Elective – II</b> Management Information Systems (J3506) Fracture Mechanics (J8707) Advanced Concrete Technology (J3508)	<b>Finite Element Analysis (J8701)</b>	---	---	---	---

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*N. Mohan Rao*  
Controller of Examinations

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<b>EEE</b> Power Systems, Power System Control & Automation, Electrical Power Engineering, Power Systems Engineering, Power System & Control, Advanced Power Systems, Power Engineering & Energy Systems, Electrical Power Systems (56/53/60/ / / 50/65)	<b>Elective – IV</b>  High Voltage Testing Techniques (J5610)	Real Time Control of Power Systems (J5603)	<b>Elective – III</b>  Power System Reliability (J5607)	Advanced Power System Protection (J5604)	<b>Elective – IV</b>  Power System Deregulation (J5609)  Power System Transients (J5611)  Demand Side Energy Management (J5612)	<b>Elective – III</b>  Smart Grid Technologies (J5605)  Power Quality (J5606)	Flexible AC Transmission Systems (J5602)	<b>Elective – III</b>  Voltage Stability (J5608)	Power System Dynamics & Stability (J5601)	---
<b>EEE</b> Power Electronics, Power & Industrial Drives, Power Electronics & Electrical Drives, Power Electronics & Drives, Electrical Machines & Drives (43/42/54/52/44)	Switched Mode Power Conversion (J4301)	Custom Power Devices (J4304)	Digital Controllers (J4303)	Power Electronic Control of AC Drives (J4302)	<b>Elective – III</b>  Renewable Energy System (J4305)  Electrical Distribution Systems (J4307)	<b>Elective – IV</b>  Smart Grid Technologies (J5605) Special Machines (J4308) Programmable Logic Controllers & Applications (J4309)	---	<b>Elective – III</b>  Reactive Power Compensatio n & Management (J4306)	---	---
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<b>EEE</b>  Power Electronics & Power Systems	Switched Mode Power Conversion (J4301)	Custom Power Devices (J4304)	<b>Elective – III</b>  Power System Reliability (J5607)	Advanced Power System Protection (J5604)	<b>Elective – III</b>  Power System Deregulation (J5609)	<b>Elective – IV</b>  Smart Grid Technologies	Flexible AC Transmission Systems (J5602)	<b>Elective – III</b>  Voltage Stability	---	---

(99)						(J5605) Programmable Logic Controllers & Applications (J4309) Energy Auditing, Conservation & Management (J9901)		(J5608)		
<b>EEE</b> <b>High Voltage Engineering, Power Systems with Emphasis on High Voltage Engineering (62/64)</b>	High Voltage Testing Techniques (J5610)	EHVAC Transmission (J6201)	Surge Phenomenon & Insulation Coordination (J6202)	Advanced Power System Protection (J5604)	<b>Elective – IV</b> Power System Deregulation (J5609)	<b>Elective – III</b> Partial Discharge in HV Equipment (J6203) High Voltage System Using EMTP Analysis (J6204) Pulse Power Engineering (J6205)	<b>Elective – IV</b> Flexible AC Transmission Systems (J5602)	<b>Elective – IV</b> Reactive Power Compensation & Management (J4306)	---	---
<b>BRANCHES AND SPECIALIZATIONS</b>	<b>22.07.2019 (Monday)</b>	<b>24.07.2019 (Wednesday)</b>	<b>26.07.2019 (Friday)</b>	<b>29.07.2019 (Monday)</b>	<b>01.08.2019 (Thursday)</b>	<b>03.08.2019 (Saturday)</b>	<b>06.08.2019 (Tuesday)</b>	<b>08.08.2019 (Thursday)</b>	<b>13.08.2019 (Tuesday)</b>	<b>16.08.2019 (Friday)</b>

<b>EEE</b> <b>Control Systems, Control Engineering (95)</b>	Robotics & Control (J9501)	Non-Linear Systems Analysis (J9502)	Digital Signal Processing (J9503)	Optimal Control Theory (J9504)	<b>Elective – III</b>	<b>Elective – IV</b>	---	---	---	---
					AI Techniques (J9505)  Embedded Real Time Operating System EMS (J9506)	Decision and Estimation Theory (J9507)  Embedded Computer Control (J9508)				

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<b>MECHANICAL THERMAL ENGINEERING (21)</b>	Fuels, Combustion & Environment (J2101)	Energy Management (J2102)	Finite Element Methods (J2103)	Computational Fluid Dynamics (J2104)	<b>Elective – III</b>  Convective Heat Transfer (J2106)  Thermal & Nuclear Power Plants (J2107)  Advanced Automobile Engineering (J2108)	<b>Elective – IV</b>  Thermal Measurements and Process Controls (J2109)  Cryogenic Engineering (J2110)  JET Propulsion and Rocketry (J2111)  Equipment Design for Thermal Systems (J2112)	----	----	----	<b>Elective – III Materials Technology (J2105)</b>
BRANCHES AND SPECIALIZATIONS	22.07.2019 (Monday)	24.07.2019 (Wednesday)	26.07.2019 (Friday)	29.07.2019 (Monday)	01.08.2019 (Thursday)	03.08.2019 (Saturday)	06.08.2019 (Tuesday)	08.08.2019 (Thursday)	13.08.2019 (Tuesday)	16.08.2019 (Friday)

<b>MECHANICAL THERMAL SCIENCES AND ENERGY SYSTEMS (18)</b>	Solar Thermal and Photovoltaic Systems (J1801)	Hydrogen and Fuel Cells (J1802)	Biomass, Wind and Ocean Energy (J1803)	Energy Audit and Conservation (J1804)	<b>Elective – III</b> Energy Systems Modelling and Analysis (J1805)  Energy Economics and Planning (J1806)  Optimization Techniques & Applications (J1807)	<b>Elective – IV</b> Instrumentation & Controls (J1808)  Waste Heat Recovery Systems (J1809)  Green Energy Technologies (J1810)	---	---	---	---
<b>MECHANICAL MACHINE DESIGN/MECH ANICAL ENGINEERING DESIGN (15/14)</b>	Experimental Stress Analysis (J1502)	<b>Elective – IV</b> Theory of Plasticity (J1510)	Finite Element Method (J2103)	<b>Elective – III</b> Computational Fluid Dynamics (J2104)	Design with advanced Materials (J1503)	<b>Elective – IV</b> Pressure Vessel Design (J1507)  Mechanics of Composite Materials (J1508)	Optimization and Reliability (J1501)	<b>Elective-III</b> Signal Analysis & Condition Monitoring (J1505)	<b>Elective – IV</b> Mechatronic s (J1509)	<b>Elective – III</b> Tribology (J1504) Design Synthesis (J1506)
<b>MECHANICAL Computer Aided Analysis &amp; Design (16)</b>	Experimental Stress Analysis (J1502)	<b>Elective – IV</b> Theory of Plasticity (J1510)	--	<b>Elective – III</b> Computational Fluid Dynamics (J2104)	<b>Elective – III</b> Fracture Mechanics (J0404)	Mechanics of Composite Materials (J1508)	Optimization and Reliability (J1501)	Signal Analysis & Condition Monitoring (J1505)	<b>Elective – III</b> Mechatronic s (J1509)	<b>Elective – IV</b> Tribology (J1504) Design Synthesis (J1506)
<b>BRANCHES AND SPECIALIZATIONS</b>	<b>22.07.2019 (Monday)</b>	<b>24.07.2019 (Wednesday)</b>	<b>26.07.2019 (Friday)</b>	<b>29.07.2019 (Monday)</b>	<b>01.08.2019 (Thursday)</b>	<b>03.08.2019 (Saturday)</b>	<b>06.08.2019 (Tuesday)</b>	<b>08.08.2019 (Thursday)</b>	<b>13.08.2019 (Tuesday)</b>	<b>16.08.2019 (Friday)</b>



<b>MECHANICAL CAD/CAM (04)</b>	Modeling & Simulation of Manufacturing Systems (J0401)	<b>Elective – IV</b> Mechanics & Manufacturing Methods of Composites (J0406) Intelligent Manufacturing Systems (J0407)	Finite Element Method (J2103)	Computer Graphics (J0402)	<b>Elective – III</b> Fracture Mechanics (J0404) Concurrent Engineering (J0405)	---	Optimization and Reliability (J1501)	---	<b>Elective-III</b> Quality Engineering in Manufacturing (J0403)	<b>Elective – IV</b> Materials Technology (J2105)
<b>MECHANICAL ADVANCED MANUFACTURING SYSTEMS (17)</b>	Modeling & Simulation of Manufacturing Systems (J0401)	Intelligent Manufacturing Systems (J0407)	<b>Elective – III</b> Finite Element Method (J2103)	<b>Elective – IV</b> Computational Fluid Dynamics (J2104)	<b>Elective – III</b> Concurrent Engineering (J0405) Design and Manufacturing of MEMS & Microsystems (J1701)	---	Optimization & Reliability (J1501)	<b>Elective – IV</b> Production & Operations Management (J1702)	Quality Engineering in Manufacturing (J0403)	<b>Elective – IV</b> Materials Technology (J2105)
<b>BRANCHES AND SPECIALIZATIONS</b>	<b>22.07.2019 (Monday)</b>	<b>24.07.2019 (Wednesday)</b>	<b>26.07.2019 (Friday)</b>	<b>29.07.2019 (Monday)</b>	<b>01.08.2019 (Thursday)</b>	<b>03.08.2019 (Saturday)</b>	<b>06.08.2019 (Tuesday)</b>	<b>08.08.2019 (Thursday)</b>	<b>13.08.2019 (Tuesday)</b>	<b>16.08.2019 (Friday)</b>

<b>MECHANICAL</b> <b>Computer Aided Design &amp; Manufacturing (09)</b>	Modeling & Simulation of Manufacturing Systems (J0401)	<b>Elective – IV</b> Mechanics & Manufacturing Methods of Composites (J0901)  Intelligent Manufacturing Systems (J0407)	Finite Element Method (J2103)	Computer Graphics (J0402)	<b>Elective – III</b> Fracture Mechanics (J0404)  Concurrent Engineering (J0405) Design and Manufacturing of MEMS & Microsystems (J1701)	---	Optimization and Reliability (J1501)	<b>Elective – IV</b> Signal Analysis & Condition Monitoring (J1505)	<b>Elective-III</b> .Quality Engineering in Manufacturing (J0403)	<b>Elective – IV</b> Materials Technology (J2105)
<b>MECHANICAL</b> <b>Advanced Manufacturing and mechanical system design) (13)</b>	Modeling & Simulation of Manufacturing Systems (J0401)	Intelligent Manufacturing Systems (J0407)	<b>Elective – III</b> Finite Element Methods (J2103)  Control Systems (J1302)	Precision Engineering (J1301)	<b>Elective – III</b> Design and Manufacturing of MEMS and Microsystems (J1701)	<b>Elective – IV</b> Product Design (J1303)  Flexible Manufacturing Systems (J1304)	-----	Production and Operations Management (J1702)	-----	<b>Elective – IV</b> Materials Technology (J2105)
<b>BRANCHES AND SPECIALIZATIONS</b>	<b>22.07.2019</b> <b>(Monday)</b>	<b>24.07.2019</b> <b>(Wednesday)</b>	<b>26.07.2019</b> <b>(Friday)</b>	<b>29.07.2019</b> <b>(Monday)</b>	<b>01.08.2019</b> <b>(Thursday)</b>	<b>03.08.2019</b> <b>(Saturday)</b>	<b>06.08.2019</b> <b>(Tuesday)</b>	<b>08.08.2019</b> <b>(Thursday)</b>	<b>13.08.2019</b> <b>(Tuesday)</b>	<b>16.08.2019</b> <b>(Friday)</b>

<b>MECHANICAL</b>  Petroleum Engineering (08)	Advanced Natural Gas Engineering (J0801)	Artificial Lift Techniques (J0802)	Operational Aspects of Well Testing (J0803)	Integrated Reservoir Management (J0804)	<b>Elective – I</b>  Practical Reservoir Modeling & Simulation (J0805)  Optimization of Oil & Gas Production (J0806 ) Flow Assurance (J0807)	<b>Elective – II</b>  Process Safety & Environmental Aspects in Petroleum Industry (J0808)  Deep Water Technologies (J0809)  Characterization of Petroleum Oils (J0810)	---	---	---	---
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<b>CSE</b>  <b>SOFTWARE ENGINEERING</b> (25)	Software Architecture & Design Patterns (J2501)	Software Quality Assurance & Testing (J2502)	Service Oriented Architectures (J2504)	---	<b>Elective – I</b> Secure Software Engineering (J2505)  Systems Engineering (J2506)  ERP & Supply Chain Management (J2507) E-Commerce (J2508)	<b>Elective-II</b> User Interface Design (J2509)  Cloud Computing (J2510)  Software Defined Networks (J2511)	Cyber Security (J2503)	<b>Elective-II</b> Internet Of Things (J2512)	---	---
<b>CSE</b>  <b>INFORMATION TECHNOLOGY</b> (40)	Advanced UNIX Programming (J4001)	---	Big Data Analytics (J4002)	<b>Elective – I</b>  ADHOC & Sensor Networks (J4003)  Semantic Web services (J4004)  Principles Of Programming Languages (J4005)	<b>Elective – II</b>  Information Retrieval System (J4007) Image Processing & Pattern Recognition (J4008) Software Testing Methodologies (J4009)	Cloud Computing (J2510)	Cyber Security (J2503)	<b>Elective – I</b> Internet Of Things (J2512)	<b>Elective- II</b> Machine Learning (J4006)	-- -

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<b>CSE COMPUTER SCIENCE (05)</b>	Advanced UNIX Program ming (J4001)	Web Technologies (J0501)	Big Data Analytics (J4002)	<b>Elective – I</b> Compiler Design (J0504)	<b>Elective – I</b> Software Engineering (J0502) Artificial Intelligence (J0503)	<b>Elective – II</b> Object Oriented Analysis And Design (J0505) Parallel Algorithms (J0506) Cloud Computing (J2510) Image Processing (J0507)	Cyber Security (J2503)	---	<b>Elective – I</b> Machine Learning (J4006)	---
<b>CSE COMPUTER SCIENCE &amp; TECNOLOGY (59)</b>	Advanced UNIX Program ming (J4001)	Python Programming (J5901)	Big Data Analytics (J4002)	Compiler Design (J0504)	<b>Elective – I</b> Advanced Graph Theory (J5902) Information Retrieval Systems (J4007) Advanced Computer Architecture (J8405)	<b>Elective – II</b> Advanced Data Bases (J5904)  Cloud Computing (J2510)	<b>Elective – I</b> Soft Computing (J5903)	<b>Elective – II</b> Internet Of Things (J2512)	<b>Elective – II</b> Machine Learning (J4006)	---

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<b>CSE</b> <b>COMPUTER SCIENCE &amp; ENGINEERING</b> <b>(58)</b>	Advanced UNIX Programming (J4001)	Computer Networks (J5801)	Big Data Analytics (J4002)	<b>Elective – I</b> Compiler Design (J0504)	<b>Elective – I</b> Software Engineering (J0502) Artificial Intelligence (J0503)	<b>Elective-II</b> Image Processing (J0507) Parallel Algorithms (J0506) Cloud Computing (J2510) Mobile Computing (J5802)	Cyber Security (J2503)	---	<b>Elective – I</b> Machine Learning (J4006)	---
<b>CSE</b> <b>COMPUTER NETWORKS (88) COMPUTER NETWORKS AND INFORMATION SECURITY</b> <b>(84)</b>	Advanced Computer Communications (J8401)	TCP/IP (J8402)	Big Data Analytics (J4002)	MANETS (J8403)	<b>Elective – I</b> Hacking Techniques (J8404) Artificial Intelligence (J0503) Advanced Computer Architecture (J8405)	<b>Elective – II</b> VANETS (J8406) ISDN & Broadband ISDN (J8407) Firewalls & VPNs (J8408) Wireless Networks And Security (J8409)	---	<b>Elective – I</b> Internet Of Things (J2512)	---	---

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

<b>BRANCHES AND SPECIALIZATIONS</b>	<b>22.07.2019 (Monday)</b>	<b>24.07.2019 (Wednesday)</b>	<b>26.07.2019 (Friday)</b>	<b>29.07.2019 (Monday)</b>	<b>01.08.2019 (Thursday)</b>	<b>03.08.2019 (Saturday)</b>	<b>06.08.2019 (Tuesday)</b>	<b>08.08.2019 (Thursday)</b>	<b>13.08.2019 (Tuesday)</b>	<b>16.08.2019 (Friday)</b>
<b>ECE</b> <b>VLSI &amp; ES, ES &amp; VLSI, VLSID &amp; ES, ES &amp; VLSID</b> <b>(68/48/77/81)</b>	<b>Elective – III</b>  Low Power VLSI Design (J6806)	CMOS Mixed Signal Circuit Design (J6802)	<b>Elective – III</b>  VLSI Signal Processing (J6807)	Design for Testability (J6804)	---	<b>Elective – IV</b> CPLD and FPGA Architectures and Applications (J6809) Semiconductor Memory Design & Testing (J6810)	<b>Elective – III</b>  Digital Signal Processors & Architectures (J6805)	Embedded Real Time Operating Systems (J6803)	Embedded System Design (J6801)	<b>Elective – IV</b> Micro Electro Mechanical Systems(MEMS) Design (J6808)
<b>ECE</b> <b>VLSI/VLSI DESIGN/VLSI SYSTEM DESIGN/VLSI &amp; MICRO ELECTONICS</b> <b>(57/72/61/76)</b>	Low Power VLSI Design (J6806)	CMOS Mixed Signal Circuit Design (J6802)	<b>Elective – III</b>  VLSI Signal Processing (J6807)	Design for Testability (J6804)	<b>Elective – IV</b> System on Chip Design (J5702)	<b>Elective – IV</b> Optimization Techniques in VLSI Design (J5703)  Semiconductor Memory Design & Testing (J6810)	<b>Elective – III</b>  Digital Signal Processors & Architectures (J6805)	<b>Elective – III</b> CAD for VLSI (J5701)	Embedded System Design (J6801)	---

BRANCHES AND SPECIALIZATIONS	22.07.2019 (Monday)	24.07.2019 (Wednesday)	26.07.2019 (Friday)	29.07.2019 (Monday)	01.08.2019 (Thursday)	03.08.2019 (Saturday)	06.08.2019 (Tuesday)	08.08.2019 (Thursday)	13.08.2019 (Tuesday)	16.08.2019 (Friday)
<b>ECE</b> <b>SSP, DIP, CE &amp; SP, IP,</b> <b>C&amp;SP/SP&amp;C</b> <b>(45/63/46/80/36)</b>	Adaptive Signal Processing (J4501)	<b>Elective – IV</b> Wireless Communication & Networks (J4508)	Image & Video Processing (J4502)	Elective-III Computer Vision J4504	<b>Elective – III</b> Bio-Medical Signal Processing (J4505)	<b>Elective – IV</b> Radar Signal Processing (J4507)	DSP Processors & Architectures (J6805)	Detection & Estimation Theory (J4503)	<b>Elective – III</b> Embedded System Design (J6801)	<b>Elective – IV</b> Internet Protocols (J4506)
<b>ECE</b> <b>MICROWAVE &amp; COMMUNICATION ENGINEERING</b> <b>(82)</b>	Software Defined Radio (J8203)	Wireless Communication & Networks (J4508)	---	Advanced Antenna Theory & Design (J8201)	Phased Array Systems (J8202)	<b>Elective – IV</b> Smart Antennas (J8207) RF Circuit Design (J8208) Radar Signal Processing (J4507)	---	<b>Elective – III</b> EMI/EMC (J8205) Radio & Navigational Aids (J8206)	<b>Elective – III</b> Microwave Networks (J8204)	---
<b>ECE</b> <b>EMBEDDED SYSTEMS</b> <b>(55)</b>	Hardware Software Co-Design (J5501)	<b>Elective – III</b> CMOS Mixed Signal Circuit Design (J6802)	Embedded Networking (J5502)	---	<b>Elective – IV</b> System on Chip Design (J5702) Wireless LANs & PANs (J5503) Multimedia & Signal Coding (J5504)	CPLD & FPGA Architectures & Applications (J6809)	Digital Signal Processors & Architectures (J6805)	---	---	<b>Elective – III</b> Micro Electro Mechanical System Design (J6808) Internet Protocols (J4506)



BRANCHES AND SPECIALIZATIONS	22.07.2019 (Monday)	24.07.2019 (Wednesday)	26.07.2019 (Friday)	29.07.2019 (Monday)	01.08.2019 (Thursday)	03.08.2019 (Saturday)	06.08.2019 (Tuesday)	08.08.2019 (Thursday)	13.08.2019 (Tuesday)	16.08.2019 (Friday)
<b>ECE</b> <b>DIGITAL SYSTEMS &amp; COMPUTER ELECTRONICS (06)</b>	CMOS Analog & Digital IC Design (J0601)	---	---	Design for Testability (J6804)	<b>Elective – III</b> System on Chip Design (J5702) Soft Computing Techniques (J0602) Cyber Security (J0603)	<b>Elective – IV</b> High Speed Network (J0604)	DSP Processors & Architectures (J6805)	<b>Elective – IV</b> Embedded Real Time Operating Systems (J6803) EMI/EMC (J8205)	Embedded System Design (J6801)	---
<b>ECE</b> <b>DECS, E&amp;CE, DECE (38/70/37)</b>	<b>Elective –III</b> CMOS Analog & Digital IC Design (J0601)	Wireless Communication & Networks (J4508)	Image & Video Processing (J4502)	Coding Theory & Applications (J3801)	<b>Elective – III</b> Advanced Computer Architecture (J3802) Soft Computing Techniques (J0602) Cyber Security (J0603)	---	<b>Elective – IV</b> DSP Processors & Architecture (J6805)	<b>Elective – IV</b> EMI/EMC (J8205) Object Oriented Programming (J3803)	Embedded System Design (J6801)	---
<b>ECE</b> <b>COMMUNICATION SYSTEMS (47)</b>	Software Defined Radio (J8203)	Wireless Communication & Networks (J4508)	Image & Video Processing (J4502)	Coding Theory & Applications (J3801)	<b>Elective – III</b> Soft Computing Techniques (J0602) Cyber Security (J0603)	---	<b>Elective – IV</b> DSP Processors & Architectures (J6805)	<b>Elective – IV</b> Optical Networks (J4701) Radio & Navigational Aids (J8206)	---	<b>Elective – III</b> Internet Protocols (J4506)

**NOTE:**

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS (PG) IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SPECIALIZATIONS SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

*N. Mohan Rao*

**Date: 02.07.2019**

**Controller of Examinations**