



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022
(2018 ADMITTED BATCH)

TIME TABLE

TIME: 10:00 AM TO 01:00 PM

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
CIVIL Structural Engineering/ Structural Design (87/85)	Earthquake Resistant Design (J8702)	Elective – IV Industrial Structures (J8708) Bridge Engineering (J8709) Elective – IV Earth Retaining Structures (J8710)	Stability of Structures (J8703)	Theory of Plates & Shells (J8704)	Elective – III Pre-stressed Concrete (J8705) Mechanics of Composite Materials, (J8706) Fracture Mechanics (J8707)	Finite Element Method (J8701)
CIVIL Transportation Engineering (22)	Transportation Economics & Project Appraisal (J2201)	Transportation Systems Management (J2204)	Land Use & Regional Transportation Planning (J2203)	Traffic Flow Analysis (J2202)	Elective – III Pavement Construction & Evaluation (J2205) Environmental Impact Assessment (J2206)	Elective – IV Intelligent Transportation Systems (J2207) Ground Improvement Techniques (J2208)
CIVIL Geo Informatics (74)	Digital Image Processing (J7402)	Digital Photogrammetry (J7401)	Internet GIS (J7403)	Geodesy & GNSS (J7404)	Spatial Decision Support Systems (J7405)	Elective – III Disaster Management (J7406) Data Warehousing & Data Mining (J7407) Advanced Surveying & Cartography (J7408) Remote Sensing and GIS Applications in Environment (J7409) Geo-Statistical Methods (J7410)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
CIVIL Soil Mechanics & Foundation Engineering/ Geotechnical Engineering (19 / 20)	Elective – III Pavement Analysis, Design and Evaluation (J1904)	Earth Retaining Structures (J8710)	Soil Dynamics & Machine Foundations (J1902)	Construction in Expansive Soils (J1903)	Elective – III Construction Planning & Methods (J1905) Geotechnical Earth Quake Engineering (J1906)	Elective – IV Geo- Environmental Engineering (J1907) Numerical Methods in Geotechnical Engineering (J1908) Finite Element Method (J8701)
CIVIL High Way Engineering (23)	Highway Project Formulation and Economics (J2301)	Pavement Construction Maintenance and Management (J2302)	Pavement Analysis and Design (J2303)	Traffic Analysis (J2304)	Elective – III Road Safety Engineering (J2305) Land use and Transportation Modeling (J2306) Transportation System Management (J2307)	Elective – IV Environmental Impact Assessment for Transportation (J2308) GIS Applications in Transportation Engineering (J2309) Optimization Techniques (J2310)
CIVIL Computer Aided Structural Engineering (35)	Elective – III Analysis of Shells and Folded Plates (J3504) Reliability Based Engineering Design (J3505) Earthquake Resistant Structures (J8702)	Structural Dynamics (J3501)	Artificial Neural Networks (J3502)	CAD & Computer applications in Structural Engineering (J3503)	Elective – IV Management Information Systems (J3506) Fracture Mechanics (J8707) Advanced Concrete Technology (J3508)	Finite Element Analysis (J8701)

- 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.

Robert A. Kelly

Controller of Examinations

Date: 07-09-2022



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

(2018 ADMITTED BATCH)

TIME TABLE

TIME: 10:00 AM TO 01:00 PM

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
EEE 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)	Elective – IV High Voltage Testing Techniques (J5610)	Flexible AC Transmission Systems (J5602)	Elective – III Power System Reliability (J5607) Power System Dynamics & Stability (J5601)	Advanced Power System Protection (J5604) Elective – III Voltage Stability (J5608)	Elective – IV Power System Deregulation (J5609), Power System Transients (J5611) Demand Side Energy Management (J5612)	Elective – III Smart Grid Technologies (J5605) Power Quality (J5606) Real Time Control of Power Systems (J5603)
EEE 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)	Elective – III Renewable Energy System (J4305) Electrical Distribution Systems (J4307)	Elective – IV Smart Grid Technologies (J5605) Special Machines (J4308) Programmable Logic Controllers & Applications (J4309)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
EEE Power Electronics & Power Systems (99)	Switched Mode Power Conversion (J4301)	Custom Power Devices (J4304) Flexible AC Transmission Systems (J5602)	Elective – III Power System Reliability (J5607)	Advanced Power System Protection (J5604) Elective–III Voltage Stability (J5608)	Elective – III Power System Deregulation (J5609)	Elective – IV Smart Grid Technologies (J5605) Programmable Logic Controllers & Applications (J4309) Energy Auditing, Conservation & Management (J9901)
EEE High Voltage Engineering, Power Systems with Emphasis on High Voltage Engineering (62/64)	High Voltage Testing Techniques (J5610)	EHVAC Transmission (J6201) Elective – IV Flexible AC Transmission Systems (J5602)	Surge Phenomenon & Insulation Coordination (J6202)	Advanced Power System Protection (J5604)	Elective – IV Power System Deregulation (J5609)	Elective – III Partial Discharge in HV Equipment (J6203) High Voltage System Using EMTP Analysis (J6204) Pulse Power Engineering (J6205)
EEE Control Systems, Control Engineering (95)	Robotics & Control (J9501)	Non-Linear Systems Analysis (J9502)	Digital Signal Processing (J9503)	Optimal Control Theory (J9504)	Elective – III AI Techniques (J9505) Embedded Real Time Operating System EMS (J9506)	Elective – IV Decision and Estimation Theory (J9507) Embedded Computer Control (J9508)

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.

Robert A. Kelly

Date: 07-09-2022

Controller of Examinations



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

(2018 ADMITTED BATCH)

TIME TABLE

TIME: 10:00AM TO 01:00 PM

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
MECHANICAL Thermal Engineering (21)	Fuels, Combustion & Environment (J2101)	Energy Management (J2102)	Finite Element Methods (J2103)	Computational Fluid Dynamics (J2104)	Elective – III Convective Heat Transfer (J2106) Thermal & Nuclear Power Plants (J2107) Advanced Automobile Engineering (J2108)	Elective – IV Thermal Measurements and Process Controls (J2109) Cryogenic Engineering (J2110) JET Propulsion and Rocketry (J2111) Equipment Design for Thermal Systems (J2112)
MECHANICAL Thermal Sciences And Energy Systems (18)	Solar Thermal and Photovoltaic Systems (J1801)	Hydrogen and Fuel Cells (J1802)	Biomass, Wind and Ocean Energy (J1803)	Energy Audit and Conservation (J1804)	Elective – III Energy Systems Modelling and Analysis (J1805) Energy Economics and Planning (J1806) Optimization Techniques & Applications (J1807)	Elective – IV Instrumentation & Controls (J1808) Waste Heat Recovery Systems (J1809) Green Energy Technologies (J1810)
MECHANICAL Machine Design/ Mechanical Engineering Design (15/14)	Experimental Stress Analysis (J1502)	Elective – IV Theory of Plasticity (J1510)	Finite Element Method (J2103)	Elective – III Computational Fluid Dynamics (J2104)	Elective – IV Mechatronics (J1509)	Elective – IV Pressure Vessel Design (J1507) Mechanics of Composite Materials (J1508) Optimization and Reliability (J1501)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
MECHANICAL Computer Aided Analysis & Design (16)	Experimental Stress Analysis (J1502)	Elective – IV Theory of Plasticity (J1510)	----	Elective – III Computational Fluid Dynamics (J2104)	Elective – III Fracture Mechanics (J0404) Elective – III Mechatronics (J1509)	Mechanics of Composite Materials (J1508) Optimization and Reliability (J1501)
MECHANICAL CAD/CAM (04)	Modeling & Simulation of Manufacturing Systems (J0401)	Elective – IV Mechanics & Manufacturing Methods of Composites (J0406) Intelligent Manufacturing Systems (J0407)	Finite Element Method (J2103)	Computer Graphics (J0402)	Elective – III Fracture Mechanics (J0404) Concurrent Engineering (J0405)	Optimization and Reliability (J1501)
MECHANICAL Advanced Manufacturing Systems (17)	Modeling & Simulation of Manufacturing Systems (J0401)	Intelligent Manufacturing Systems (J0407)	Elective – III Finite Element Method (J2103)	Elective – IV Computational Fluid Dynamics (J2104)	Elective – III Concurrent Engineering (J0405) Design and Manufacturing of MEMS & Microsystems (J1701)	Optimization & Reliability (J1501)
MECHANICAL Computer Aided Design & Manufacturing (09)	Modeling & Simulation of Manufacturing Systems (J0401)	Elective – IV Mechanics & Manufacturing Methods of Composites (J0901) Intelligent Manufacturing Systems (J0407)	Finite Element Method (J2103)	Computer Graphics (J0402)	Elective – III Fracture Mechanics (J0404) Concurrent Engineering (J0405) Design and Manufacturing of MEMS & Microsystems (J1701)	Optimization and Reliability (J1501)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
MECHANICAL Advanced Manufacturing And Mechanical System Design) (13)	Modeling & Simulation of Manufacturing Systems (J0401)	Intelligent Manufacturing Systems (J0407)	Elective – III Finite Element Methods (J2103) Control Systems (J1302)	Precision Engineering (J1301)	Elective – III Design and Manufacturing of MEMS and Microsystems (J1701)	Elective – IV Product Design (J1303) Flexible Manufacturing Systems (J1304)
MECHANICAL Petroleum Engineering (08)	Advanced Natural Gas Engineering (J0801)	Artificial Lift Techniques (J0802)	Operational Aspects of Well Testing (J0803)	Integrated Reservoir Management (J0804)	Elective –III Practical Reservoir Modeling & Simulation (J0805) Optimization of Oil & Gas Production (J0806) Flow Assurance (J0807)	Elective – IV Process Safety & Environmental Aspects in Petroleum Industry (J0808) Deep Water Technologies (J0809) Characterization of Petroleum Oils (J0810)

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.

Robert A. Kelly

Date: 07-09-2022

Controller of Examinations



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

(2018 ADMITTED BATCH)

TIME TABLE

TIME: 10:00AM TO 01:00 PM

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
CSE SOFTWARE ENGINEERING (25)	Software Architecture & Design Patterns (J2501)	Software Quality Assurance & Testing (J2502)	Service Oriented Architectures (J2504)	Cyber Security (J2503)	Elective – III Secure Software Engineering (J2505) Systems Engineering (J2506) ERP & Supply Chain Management (J2507) E-Commerce (J2508)	Elective-IV User Interface Design (J2509) Cloud Computing (J2510) Software Defined Networks (J2511)
CSE INFORMATION TECHNOLOGY (40)	Advanced UNIX Programming (J4001)	---	Big Data Analytics (J4002)	Elective – III ADHOC & Sensor Networks (J4003) Semantic Web services (J4004) Principles of Programming Languages (J4005) Cyber Security (J2503)	Elective – IV Information Retrieval System (J4007) Image Processing & Pattern Recognition (J4008) Software Testing Methodologies (J4009)	Cloud Computing (J2510)
CSE COMPUTER SCIENCE (05)	Advanced UNIX Programming (J4001)	Web Technologies (J0501)	Big Data Analytics (J4002)	Elective – III Compiler Design (J0504) Cyber Security (J2503)	Elective – III Software Engineering (J0502) Artificial Intelligence (J0503)	Elective – IV Object Oriented Analysis And Design (J0505) Parallel Algorithms (J0506) Cloud Computing (J2510) Image Processing (J0507)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)
CSE COMPUTER SCIENCE & TECNOLOGY (59)	Advanced UNIX Programming (J4001)	Python Programming (J5901)	Big Data Analytics (J4002)	Compiler Design (J0504)	Elective – III Advanced Graph Theory (J5902) Information Retrieval Systems (J4007) Advanced Computer Architecture (J8405)	Elective – IV Advanced Data Bases (J5904) Cloud Computing (J2510)
CSE COMPUTER SCIENCE & ENGINEERING (58)	Advanced UNIX Programming (J4001)	Computer Networks (J5801)	Big Data Analytics (J4002)	Elective – III Compiler Design (J0504) Cyber Security (J2503)	Elective–III Software Engineering (J0502) Artificial Intelligence (J0503)	Elective-IV Image Processing (J0507) Parallel Algorithms (J0506) Cloud Computing (J2510) Mobile Computing (J5802)
CSE Computer Networks (88) Computer Networks And Information Security (84)	Advanced Computer Communications (J8401)	TCP/IP (J8402)	Big Data Analytics (J4002)	MANETS (J8403)	Elective – III Hacking Techniques (J8404) Artificial Intelligence (J0503) Advanced Computer Architecture (J8405)	Elective – IV VANETS (J8406) ISDN & Broadband ISDN (J8407) Firewalls & VPNs (J8408) Wireless Networks And Security (J8409)

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.



Date: 07-09-2022

Controller of Examinations



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH I SEMESTER (R16) SUPPLEMENTARY EXAMINATIONS, SEPTEMBER - 2022

(2018 ADMITTED BATCH)

TIME TABLE

TIME: 10:00 AM TO 01:00 PM

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)	01-10-2022 (Saturday)
ECE VLSI & ES, ES & VLSI, VLSID & ES, ES & VLSID (68/48/77/81)	Design for Testability (J6804)	CMOS Mixed Signal Circuit Design (J6802)	Elective – III VLSI Signal Processing (J6807) Embedded Real Time Operating Systems (J6803)	Elective – III Digital Signal Processors & Architectures (J6805) Low Power VLSI Design (J6806)	Embedded System Design (J6801)	Elective – IV CPLD and FPGA Architectures and Applications (J6809) Semiconductor Memory Design & Testing (J6810)	---
ECE VLSI/VLSI DESIGN/VLSI SYSTEM DESIGN/VLSI & MICRO ELECTRONICS (57/72/61/76)	Design for Testability (J6804)	CMOS Mixed Signal Circuit Design (J6802)	Elective – III VLSI Signal Processing (J6807)	Elective – III Digital Signal Processors & Architectures (J6805) Low Power VLSI Design (J6806)	Elective – IV Embedded System Design (J6801)	Elective – IV Optimization Techniques in VLSI Design (J5703) Semiconductor Memory Design & Testing (J6810) Elective – III CAD for VLSI (J5701)	System on Chip Design (J5702)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)	01-10-2022 (Saturday)
ECE SSP, DIP, CE&SP, IP, C&SP/SP&C (45/63/46/80/36)	Adaptive Signal Processing (J4501)	Elective – IV Wireless Communication & Networks (J4508)	Image & Video Processing (J4502) Detection & Estimation Theory (J4503) Elective – IV Internet Protocols (J4506)	Elective-III Computer Vision J4504 DSP Processors & Architectures (J6805)	Elective – III Bio-Medical Signal Processing (J4505) Elective – III Embedded System Design (J6801)	Elective – IV Radar Signal Processing (J4507)	---
ECE Microwave & Communication Engineering (82)	Software Defined Radio (J8203)	Wireless Communication & Networks (J4508)	Elective – III EMI/EMC (J8205)	Advanced Antenna Theory & Design (J8201)	Phased Array Systems (J8202)	Elective – IV Smart Antennas (J8207) RF Circuit Design (J8208) Radar Signal Processing (J4507)	---
ECE Embedded Systems (55)	Hardware Software Co-Design (J5501)	Elective – III CMOS Mixed Signal Circuit Design (J6802)	Embedded Networking (J5502) Internet Protocols (J4506)	Digital Signal Processors & Architectures (J6805)	Wireless LANs & PANs (J5503) Multimedia & Signal Coding (J5504)	CPLD & FPGA Architectures & Applications (J6809)	Elective – IV System on Chip Design (J5702)
ECE Digital Systems & Computer Electronics (06)	Design for Testability (J6804)	---	MI/EMC (J8205) Embedded Real Time Operating Systems (J6803)	DSP Processors & Architectures (J6805)	Soft Computing Techniques (J0602) Cyber Security (J0603) Embedded System Design (J6801)	CMOS Analog & Digital IC Design (J0601)	Elective – III System on Clip Design (J5702)

BRANCHES AND SPECIALIZATIONS	20-09-2022 (Tuesday)	22-09-2022 (Thursday)	24-09-2022 (Saturday)	26-09-2022 (Monday)	28-09-2022 (Wednesday)	30-09-2022 (Friday)	01-10-2022 (Saturday)
ECE DECS, E&CE, DECE (38/70/37)	---	Wireless Communicatio n & Networks (J4508)	Image & Video Processing (J4502) EMI/EMC (J8205)	Coding Theory & Applications (J3801) Elective – IV DSP Processors & Architecture (J6805)	Elective – III Advanced Computer Architecture (J3802) Soft Computing Techniques (J0602) Cyber Security (J0603) Embedded System Design (J6801)	Elective –III CMOS Analog & Digital IC Design (J0601)	---
ECE Communication Systems (47)	Software Defined Radio (J8203)	Wireless Communicatio n & Networks (J4508)	Image & Video Processing (J4502) Elective – III Internet Protocols (J4506)	Coding Theory & Applications (J3801) Elective – IV DSP Processors & Architectures (J6805)	Elective – III Soft Computing Techniques (J0602) Cyber Security (J0603)	---	---

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 ASUSUAL.
iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SPECIALIZATIONS SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.



Date: 07-09-2022

Controller of Examinations