#### KUKATPALLY-HYDERABAD-500085 EXAMINATIONBRANCH

# M.TECH. I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023 T I M E T A B L E

TIME: 10:00 AM TO 01:00 PM

| Course                         | 25-08-2023<br>FRIDAY             | 28-08-2023<br>MONDAY                        | 30-08-2023<br>WEDNESDAY                     | 01-09-2023<br>FRIDAY                | 04-09-2023<br>MONDAY           | 06-09-2023<br>WEDNESDAY      |
|--------------------------------|----------------------------------|---|---|-------------------------------------|--------------------------------|------------------------------|
| CAD/CAM-04                     |                                  | Elective-II                                 | Computer Aided Manufacturing                | Elective-I                          | E1                             | MC                           |
|                                |                                  | Automation in Manufacturing                 | ivialidiacturing                            | Mechanical Behavior of<br>Materials | Additive<br>Manufacturing      | Research Methodology and IPR |
|                                |                                  | Computer Aided<br>Process Planning          |   | Experimental Stress<br>Analysis     | Technologies                   |                              |
|                                |                                  | Industrial Robotics                         |   |                                     |                                |                              |
| COMPUTER<br>SCIENCE-05/        | Mathematical Foundations of      | Advanced Data<br>Structures                 | Elective-II                                 | Elective-II                         | Elective-I                     | MC                           |
| COMPUTER                       | ENCE AND                         |   | Network Security                            | Cloud Computing                     | Machine Learning               | Research Methodology and IPR |
| SCIENCE AND<br>ENGINEERING -58 |                                  |   |   | Data Mining                         | Information Security           |                              |
|                                |                                  |   |   |                                     | Mobile Application Development |                              |
| DIGITAL<br>SYSTEMS AND         | Digital Systems Design with PLDs | Elective-I                                  | Elective-II                                 | VLSI Technology and Design          | Elective-II                    | MC                           |
| COMPUTER                       |                                  |   |   |                                     | Advanced Data                  | Research Methodology         |
| ELECTRONICS -06                |                                  | CMOS Analog<br>Integrated Circuit<br>Design | Digital Signal Processors and Architectures |                                     | Communications                 | and IPR                      |
|                                |                                  | Embedded System<br>Design                   | TCP/IP and ATM<br>Networks                  |                                     |                                |                              |
|                                |                                  | Advanced<br>Microcontrollers                |   |                                     |                                |                              |

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|------------------------------------|-----------------------|---------------------------------|-------------------------------------|----------------------|--------------------------------------|------------------------------|
| ELECTRICAL POWER<br>SYSTEMS -07/   | Power System Analysis | Economic Operation of           | Elective-I                          | Elective-I           | ELECTIVE-II                          | MC                           |
| ELECTRICAL POWER<br>ENGINEERING-49 | ,                     | Power Systems                   | Modern Control<br>Theory            | HVDC Transmission    | Electrical Power Distribution System | Research Methodology and IPR |
|                                    |                       |                                 | ·                                   | Renewable Energy     |                                      |                              |
|                                    |                       |                                 |                                     | Systems              | Reactive Power                       |                              |
|                                    |                       |                                 | Smart Grid                          |                      | Compensation and                     |                              |
|                                    |                       |                                 | Technologies                        |                      | Management                           |                              |
|                                    |                       |                                 |                                     |                      | Mathematical Methods for             |                              |
|                                    |                       |                                 |                                     |                      | Power Engineering                    |                              |
|                                    |                       |                                 |                                     |                      | Hybrid Electric Vehicles             |                              |
| ENVIRONMENTAL                      | Environmental         | Waste Water                     | Elective-I                          | Elective-II          | Elective-II                          | MC                           |
| ENGINEERING- 11                    | Chemistry and         | Engineering                     | Computational and                   | Environmental Impact | Remote Sensing and GIS               | Research Methodology and     |
|                                    | Microbiology          |                                 | Statistical Methods                 | Assessment           |                                      | IPR                          |
|                                    |                       |                                 | Environmental                       |                      | Water supply system                  |                              |
|                                    |                       |                                 | System Engineering Eco system-based | _                    |                                      |                              |
|                                    |                       |                                 | disaster risk                       |                      |                                      |                              |
|                                    |                       |                                 | reduction                           |                      |                                      |                              |
| GEOTECHNICAL                       | Advanced Soil         | Elective-I                      |                                     | Elective-II          | Advanced Foundation                  | MC                           |
| ENGINEERING - 12                   | Mechanics             | Ground                          |                                     | Environmental Impact | Engineering                          | Research Methodology and     |
|                                    |                       | Improvement                     |                                     | Assessment           |                                      | IPR                          |
|                                    |                       | Techniques                      |                                     |                      |                                      |                              |
|                                    |                       | Theoretical Soil                |                                     | Environmental        |                                      |                              |
|                                    |                       | Mechanics                       |                                     | Geotechnology        |                                      |                              |
|                                    |                       |                                 |                                     | Applied Statistics   |                                      |                              |
|                                    |                       | Soil - Structure<br>Interaction |                                     |                      |                                      |                              |

#### KUKATPALLY-HYDERABAD-500085 E X A M I N A T I O N B R A N C H

# M.TECH. I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023 T I M E T A B L E

TIME: 10:00 AM TO 01:00 PM

|                               | 25-08-2023                          | 28-08-2023                     | 30-08-2023                      | 01-09-2023                 | 04-09-2023                                | 06-09-2023                  |
|-------------------------------|-------------------------------------|--------------------------------|---------------------------------|----------------------------|---|-----------------------------|
| Course                        | FRIDAY                              | MONDAY                         | WEDNESDAY                       | FRIDAY                     | MONDAY                                    | WEDNESDAY                   |
| INDUSTRIAL<br>ENGINEERING AND | Industrial Engineering<br>Practices | Statistical Quality<br>Control | ELECTIVE-II<br>Management       |                            | ELECTIVE-I                                | MC                          |
| MANAGEMENT - 13               |                                     |                                | Information Systems             |                            | Optimization Techniques &<br>Applications | Research<br>Methodology and |
|                               |                                     |                                | Management Theory and Practices |                            |   | IPR                         |
|                               |                                     |                                |                                 |                            | Materials Management                      |                             |
| MACHINE DESIGN -<br>15        | Advanced Mechanics of Solids        | ELECTIVE-II                    | Advanced Mechanics of Machinery | ELECTIVE-I                 | ELECTIVE-II                               | MC                          |
|                               |                                     | Design for                     |                                 | Mechanical                 | Optimization Techniques &                 | Research                    |
|                               |                                     | Manufacturing &                |                                 | Vibrations                 | Applications                              | Methodology and             |
|                               |                                     | Assembly                       |                                 | Fracture                   |   | IPR                         |
|                               |                                     |                                |                                 | Mechanics                  |   |                             |
|                               |                                     |                                |                                 | Mechanical<br>Behaviour of | Composite Materials                       |                             |
|                               |                                     |                                |                                 | Materials                  |   |                             |
| PRODUCTION<br>ENGINEERING16   | Theory of Metal Cutting             | ELECTIVE-II                    | ELECTIVE-I                      | Theory of Metal<br>Forming | ELECTIVE-I                                | MC                          |
|                               |                                     | Automation in                  | Advanced                        |                            | Optimization Techniques &                 | Research                    |
|                               |                                     | Manufacturing                  | Manufacturing                   |                            | Applications                              | Methodology and             |
|                               |                                     |                                | Processes                       |                            |   | IPR                         |
|                               |                                     | Design for                     |                                 |                            |   |                             |
|                               |                                     | Manufacturing &                |                                 |                            | Additive                                  |                             |
|                               |                                     | Assembly                       |                                 |                            | Manufacturing<br>Technologies             |                             |
|                               |                                     | Precision Engineering          |                                 |                            |   |                             |
|                               |                                     |                                |                                 |                            |   |                             |

#### KUKATPALLY-HYDERABAD-500085 E X A M I N A T I O N B R A N C H

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|---|--|---|---------------------------------------|--|--|---------------------------------------|
| STRUCTURAL<br>ENGINEERING -<br>20         | Theory of Elasticity                                   |   | Advanced Structural<br>Analysis       | ELECTIVE-II Advanced foundation Design of reinforced concrete  Advanced Reinforced Concrete Design Numerical Methods in Structural | ELECTIVE-I Theory of Plates and Shells Theory and Applications of Cement Composites Theory of Structural Stability | MC  Research Methodology and IPR      |
| THERMAL<br>ENGINEERING-<br>21             | Advanced<br>Thermodynamics                             | E2  Computational Fluid Dynamics  Nano Fluids  Turbulence Modelling | Advanced Fluid<br>Mechanics           | Alternate Fuels & Pollution  Advanced Fuel Cell Technologies  Fuels & Combustion   |  | MC Research Methodology and IPR       |
| TRANSPORTAT<br>ION<br>ENGINEERING -<br>22 | ELECTIVE-I Traffic Engineering Road Safety Engineering | Urban Policy &<br>Planning  | Pavement Material<br>Characterization | ELECTIVE-I<br>Modeling &<br>Simulation   | Elective-II  Advanced Concrete Technology  Remote sensing & GIS  Airport Engineering                               | MC<br>Research Methodology<br>and IPR |

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| Course                                  | 25-08-2023                    | 28-08-2023                      | 30-08-2023                            | 01-09-2023                     | 04-09-2023                             | 06-09-2023                            |
|---|-------------------------------|---------------------------------|---------------------------------------|--------------------------------|--|---------------------------------------|
| SOFTWARE<br>ENGINEERING -               | FRIDAY Principles of Software | MONDAY Advanced Data Structures | WEDNESDAY ELECTIVE-I                  | FRIDAY<br>E-II                 | MONDAY<br>ELECTIVE-II                  | WEDNESDAY<br>MC                       |
| 25                                      | Engineering                   | Structures                      | Software Requirements and Estimation  | Mobile Application<br>Security | Software Metrics                       | Research Methodology and IPR          |
|   |                               |                                 | Software Development<br>Methodologies |                                | Software Project Management            |                                       |
|   |                               |                                 | Object Oriented Analysis<br>& Design  |                                |  |                                       |
| MICROWAVE<br>AND RADAR                  | Microwave<br>Components and   | ELECTIVE-II                     | ELECTIVE-II                           | ELECTIVE-I                     | Advanced Digital Signal Processing     | MC                                    |
| ENGINEERING.<br>-30                     | Measurements                  | Detection and Estimation Theory | GPS/GSS                               | Radio Navigational<br>Aids     |  | Research Methodology and IPR          |
|   |                               |                                 | EMI/EMC                               | Cognitive Radio                |  |                                       |
|   |                               |                                 |                                       | Satellite<br>Communications    |  |                                       |
| ADVANCED<br>MANUFACTURI<br>NG SYSTEMS - | Theory of Metal<br>Cutting    | Automation in<br>Manufacturing  | E1 Product Data Management            |                                | E2<br>Precision Engineering            | MC<br>Research Methodology and<br>IPR |
| 33                                      |                               |                                 | Advanced Manufacturing Processes      |                                | Optimization Techniques & Applications | - " · `                               |
|   |                               |                                 | Design For Manufacturing and Assembly |                                | Additive Manufacturing Technologies    |                                       |

#### KUKATPALLY-HYDERABAD-500085 EXAMINATIONBRANCH

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|--|---|-----------------------------------|---|---|---|---------------------------------------|
| CONTROL<br>ENGINEERING -37                                     | FRIDAY Estimation of Signals and                      | MONDAY<br>ELECTIVE-II             | WEDNESDAY  Modern Control  Theory                               | FRIDAY<br>ELECTIVE-I  | MONDAY<br>ELECTIVE-II   | WEDNESDAY<br>MC                       |
|  | Systems.  | Advanced<br>Microprocessors       | co.ry   | Process Modeling and Simulation Intelligent Control System Dynamics and Control           | Instrumentation and Control DSP Processor Architecture and Applications                     | Research Methodology and IPR          |
| DIGITAL  | ELECTIVE-II   |                                   | Wireless  | ELECTIVE-I  | ELECTIVE-II   | MC                                    |
| ELECTRONICS AND<br>COMMUNICATION<br>ENGINEERING/SYSTE<br>MS-38 | Coding Theory<br>and Techniques                       | Advanced Digital<br>System Design | Communications and Networks                                     | VLSI Technology and Design  System on Chip Architecture  Design of Fault Tolerant Systems | Optical Communications and Networks Wireless MIMO Communications                            | Research Methodology and IPR          |
| INFORMATION<br>TECHNOLOGY -40<br>WEB TECHNOLOGY -<br>62        | Mathematical<br>Foundations of<br>Computer<br>Science | Advanced Data<br>Structures       | ELECTIVE-I Object Oriented Analysis & Design Python Programming | ELECTIVE-I<br>Cloud Computing   | ELECTIVE-II Software Project Management Advanced Data Mining Mobile Application Development | MC<br>Research Methodology<br>and IPR |

DATE: 07-08-2023

Sd/CONTROLLER OF EXAMINATIONS

### KUKATPALLY-HYDERABAD-500085 E X A M I N A T I O N B R A N C H

## M.TECH. I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023

#### TIMETABLE

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

| Cauran                                    | 25-08-2023                                | 28-08-2023  | 30-08-2023   | 01-09-2023                               | 04-09-2023                                       | 06-09-2023                            |
|---|---|---|--|--|--|---------------------------------------|
| Course                                    | FRIDAY                                    | MONDAY  | WEDNESDAY  | FRIDAY                                   | MONDAY   | WEDNESDAY                             |
| POWER<br>ELECTRONICS-43                   | Machine<br>Modeling and                   | Power Electronic<br>Converters  | ELECTIVE-I   | ELECTIVE-II                              | E2   | MC<br>Research Methodology            |
|   | Analysis                                  |   | Modern Control<br>Theory   | High Frequency Magnetic<br>Components    | Reactive Power<br>Compensation and<br>Management | and IPR                               |
|   |   |   | Power Electronics<br>for Renewable<br>Energy Systems<br>Smart Grid<br>Technologies<br>Dynamics of<br>Electrical Machines | Power Semiconductor Devices and Modeling | Hybrid Electric<br>Vehicles                      |                                       |
| SYSTEMS AND<br>SIGNAL<br>PROCESSING-45/93 | ELECTIVE-II  Coding theory and Techniques | ELECTIVE-I Transform Techniques  Detection and Estimation Theory  Random Processes and Queuing Theory | ELECTIVE-II Biomedical Signal Processing  Pattern Recognition & Machine Learning   | Image and Video Processing               | Advanced Digital<br>Signal Processing            | MC<br>Research Methodology<br>and IPR |

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|--|-----------------------------------|---|---|---|---|---------------------------------------|
| DESIGN FOR<br>MANUFACTURING-52                 | Advanced Computer<br>Aided Design | Design for<br>Manufacturing &<br>Assembly | ELECTIVE-I<br>Advanced<br>Manufacturing<br>Processes  | ELECTIVE-II Flexible Manufacturing Systems  | ELECTIVE-I Optimization Techniques & Applications                                 | MC<br>Research Methodology<br>and IPR |
|  |                                   |   |   | Quality Engineering in Manufacturing  Theory of Elasticity & Plasticity                   | MEMS & Micro Systems : Design & Manufacture                                       |                                       |
| POWER<br>ELECTRONICS AND<br>ELECTRIC DRIVES-54 | Machine Modeling and Analysis     | Power Electronic<br>Converters            | ELECTIVE-I  Modern Control Theory  Power Electronics for Renewable Energy Systems  Smart Grid Technologies  Dynamics of Electrical Machines | ELECTIVE-II  High Frequency Magnetic Components  Power Semiconductor Devices and Modeling | ELECTIVE-II  Reactive Power Compensation and Management  Hybrid Electric Vehicles | MC<br>Research Methodology<br>and IPR |

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|--------------------------|-----------------------------------|-------------------|-----------------------------|--------------------------------|--------------------------|------------------------------|
| Course                   | FRIDAY                            | MONDAY            | WEDNESDAY                   | FRIDAY                         | MONDAY                   | WEDNESDAY                    |
| EMBEDDED                 | ELECTIVE-II                       | System Design     | Microcontrollers &          | ELECTIVE-II                    | ELECTIVE-I               | MC                           |
| SYSTEMS-55               | Communications Buses & Interfaces | with Embedded     | Programmable Digital Signal | Advanced Computer Architecture | AI & Machine Leaning     | Research Methodology and IPR |
|                          | Parallel Processing               | Linux             | Processors                  | Architecture                   | Computer Vision          | and IPK                      |
|                          | rarallel Frocessing               |                   | 1100033013                  |                                | Computer vision          |                              |
|                          |                                   |                   |                             |                                | Programming Languages    |                              |
|                          |                                   |                   |                             |                                | for Embedded Software    |                              |
|                          |                                   |                   |                             |                                |                          |                              |
|                          |                                   |                   |                             |                                |                          |                              |
| VLSI/ VLSI DESIGN-       | ELECTIVE-I                        | Digital Design &  | Microcontrollers &          | ELECTIVE-I                     | ELECTIVE-II              | MC                           |
| A5/                      | Communications                    | Verification      | Programmable                | Advanced Computer              | DSP Architecture         | Research Methodology         |
| AT OLONOTEM              | Buses & Interface                 |                   | Digital Signal              | Architecture                   | LOT L'I A L' L'          | and IPR                      |
| VLSI SYSTEM<br>DESIGN-57 | Nanomaterials &                   |                   | Processors                  |                                | IOT and its Applications |                              |
| DESIGN-37                | Nanotechnology                    |                   |                             |                                | Hardware                 |                              |
|                          |                                   |                   |                             |                                | Software Co-Design       |                              |
| COMMUNICATION            | ELECTIVE-II                       | ELECTIVE-I        | Wireless                    | ELECTIVE-I                     | Advanced Data            | MC                           |
| SYSTEMS -61              | Spread Spectrum                   | Detection and     | Communications              | Cognitive Radio                | Communications           | Research Methodology         |
|                          | Communications                    | Estimation Theory | and Networks                |                                |                          | and IPR                      |
|                          | 10.7                              | TOP (12)          |                             |                                |                          |                              |
|                          | 4G Technologies                   | TCP/IP            |                             |                                |                          |                              |
|                          | Coding Theory and                 | Internetworking   |                             |                                |                          |                              |
|                          | Techniques                        |                   |                             |                                |                          |                              |
|                          |                                   |                   |                             |                                |                          |                              |
|                          |                                   |                   |                             |                                |                          |                              |

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|-----------------|-------------------|-----------------------|--------------------|----------------------|--------------------------|----------------------|
| Course          | FRIDAY            | MONDAY                | WEDNESDAY          | FRIDAY               | MONDAY                   | WEDNESDAY            |
| POWER           | Renewable Energy  | Economic Operation of | ELECTIVE-I         | ELECTIVE-I           | ELECTIVE-II              | MC                   |
| ENGINEERING &   | Technologies      | Power Systems         | Smart Grid         | Engineering Heat     | Electrical Power         | Research Methodology |
| ENERGY SYSTEMS  |                   |                       | Technologies       | Transfer             | Distribution System      | and IPR              |
| 64              |                   |                       | Modern Control     |                      |                          |                      |
|                 |                   |                       | Theory             | Thermal Power Plant  | Reactive Power           |                      |
|                 |                   |                       |                    |                      | Compensation and         |                      |
|                 |                   |                       |                    |                      | Management               |                      |
|                 |                   |                       |                    |                      |                          |                      |
|                 |                   |                       |                    |                      | Mathematical Methods     |                      |
|                 |                   |                       |                    |                      | for Power Engineering    |                      |
|                 |                   |                       |                    |                      |                          |                      |
| MADEL EGG AND   |                   |                       |                    |                      | Hybrid Electric Vehicles |                      |
| WIRELESS AND    | ELECTIVE-II       | ELECTIVE-I            | Wireless           | ELECTIVE-II          | Ad-hoc and Wireless      | MC                   |
| MOBILE          |                   | Detection and         | Communications and | Mobile Computing     | sensor Networks          | Research Methodology |
| COMMUNICATIONS- | Coding Theory and | Estimation Theory     | Networks           | Wireless LANs & PANs |                          | and IPR              |
| 05              | Techniques        | Antenna Theory &      |                    |                      |                          |                      |
|                 |                   | Design                |                    |                      |                          |                      |
|                 |                   |                       |                    |                      |                          |                      |
|                 |                   | TCP/IP                |                    |                      |                          |                      |
|                 |                   | Internetworking       |                    |                      |                          |                      |
|                 |                   |                       |                    |                      |                          |                      |

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|--------------------------------------|---------------------|---------------------|--------------------|----------------------------------|------------------------|--------------------------|
|                                      | 25-08-2023          | 28-08-2023          | 30-08-2023         | 01-09-2023                       | 04-09-2023             | 06-09-2023               |
| Course                               | FRIDAY              | MONDAY              | WEDNESDAY          | FRIDAY                           | MONDAY                 | WEDNESDAY                |
| VLSI AND EMBEDDED                    | ELECTIVE-II         | RTL Simulation and  | Microcontrollers & | Elective-II                      | ELECTIVE-I             | MC                       |
| SYSTEMS-68                           | Parallel Processing | Synthesis with PLDs | Programmable       | Advanced Computer                | Programming            | Research Methodology and |
|                                      |                     |                     | Digital Signal     | Architecture                     | Languages for          | IPR                      |
| EMBEDDED SYSTEMS<br>& VLSI DESIGN-77 |                     |                     | Processors         | CAD of Digital Systems           | Embedded Software      |                          |
|                                      |                     |                     |                    |                                  | Digital Signal & Image |                          |
|                                      |                     |                     |                    |                                  | Processing             |                          |
|                                      |                     |                     |                    |                                  | Memory Technologies    |                          |
|                                      | ELECTIVE-II         | Advanced Digital    | Wireless           | ELECTIVE-I                       | ELECTIVE-II            | MC                       |
| ELECTRONICS AND                      | Coding Theory and   | System Design       | Communications and | VLSI Technology and              | Wireless MIMO          | Research Methodology and |
| COMMUNICATION                        | Techniques          |                     | Networks           | Design                           | Communications         | IPR                      |
| ENGINEERING .70                      |                     |                     |                    |                                  | Optical                |                          |
|                                      |                     |                     |                    | System on Chip                   | Communications and     |                          |
|                                      |                     |                     |                    | Architecture                     | Networks               |                          |
|                                      |                     |                     |                    | Design of Fault Tolerant Systems |                        |                          |
| CONTROL SYSTEMS –                    | Estimation of       | ELECTIVE-II         | Modern Control     | ELECTIVE-I                       | ELECTIVE-II            | MC                       |
| 75                                   | Signals and         |                     | Theory             | Process Modeling and             | Instrumentation and    | Research Methodology and |
|                                      | Systems.            | Advanced            |                    | Simulation                       | Control                | IPR                      |
|                                      |                     | Microprocessors     |                    | Intelligent Control              | DSP Processor          |                          |
|                                      |                     |                     |                    | System Dynamics and              | Architecture and       |                          |
|                                      |                     |                     |                    | Control                          | Applications           |                          |
|                                      |                     |                     |                    |                                  |                        |                          |
|                                      |                     |                     |                    |                                  |                        |                          |
|                                      | 1                   | 1                   | 1                  |                                  |                        | 1                        |

#### KUKATPALLY-HYDERABAD-500085 EXAMINATIONBRANCH

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|-----------------------------------|---|--|---|--|---|------------------------------|
| COMPUTER NETWORKS                 | Distributed                                   | Advanced Data                                      | ELECTIVE-II   | ELECTIVE-I   |   | MC                           |
| AND INFORMATION                   | Systems                                       | Structures   | Network Security                                      | Information Security                               | -   | Research Methodology and IPR |
| SECURITY (CNIS) -78/              |   |  | Advanced Wireless                                     | Network Coding                                     | =   |                              |
| COMPUTER NETWORKS-                |   |  | Networks  | Theory   |   |                              |
| 82/<br>CYBER SECURITY - A3        |   |  |   | Cryptanalysis                                      |   |                              |
| CIBER SECURITI - AS               |   |  | Trustworthy Computing                                 |  |   |                              |
| MECHATRONICS-80                   | Applied                                       | Applied Industrial                                 | ELECTIVE-I  | ELECTIVE-II  |   | MC                           |
|                                   | Industrial Pneumatics                         | Hydraulics   | Industrial Electrical & Electronics                   | Control systems                                    |   | Research Methodology and IPR |
|                                   |   |  | Artificial Intelligence                               | Instrumentation & Sensor Technology                |   |                              |
|                                   |   |  | Programmable Logic<br>Controllers and<br>Applications | Micro-controller & Applications                    |   |                              |
| INFRASTRUCTURE<br>ENGINEERING -81 | ELECTIVE-I                                    |  | ELECTIVE-II   |  | ELECTIVE-I                                      | MC                           |
| ENGINEERING OF                    | Water<br>Resources<br>systems<br>planning and | Transportation & Storm water conservation planning | Geotechniques infrastructure  Infrastructure planning | Topographic analysis &<br>Land Utilization Studies | Project planning<br>and Financial<br>management | Research Methodology and IPR |
|                                   | management                                    |  | for Airports  |  | Planning of Ports                               |                              |
|                                   |   |  |   |  | and Harbors                                     |                              |
|                                   |   |  | Building planning and construction                    |  |   |                              |
|                                   |   |  |   |  |   |                              |

#### KUKATPALLY-HYDERABAD-500085 E X A M I N A T I O N B R A N C H

# M.TECH. I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023 T I M E T A B L E

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

| 25-08-2023         | 28-08-2023  | 30-08-2023   | 01-09-2023   | 04-09-2023  | 06-09-2023   |
|--------------------|---|--|--|---|--|
| FRIDAY             | MONDAY  | WEDNESDAY  | FRIDAY   | MONDAY  | WEDNESDAY  |
| ELECTIVE-I         |   | Pavement Material  |  | ELECTIVE-II   | MC   |
| Traffic            | Highway Policy & Planning   | Characterization   |  | Remote Sensing &  | Research Methodology and IPR   |
| Engineering        |   |  |  | GIS   |  |
|                    |   |  |  | Road Engineering  |  |
| Modeling for       |   |  |  |   |  |
| highway            |   |  |  | Pavement Design   |  |
| simulation         |   |  |  | & Evaluation  |  |
|                    |   |  |  |   |  |
| -                  |   |  |  |   |  |
| Engineering        |   |  |  |   |  |
|                    | ELECTIVE-I  | Signal Conditioning Circuits   | ELECTIVE-II  | ELECTIVE-II   | MC   |
|                    | Electronic System   |  | Digital Instrumentation  | Advanced Digital  | Research Methodology and IPR   |
| Transducers<br>and | Design  |  |  | Signal Processing   |  |
| Applications       | Advanced  |  |  | Neural Networks   |  |
|                    | Microcontrollers  |  |  | and Fuzzy Logic   |  |
|                    | T f   |  |  |   |  |
|                    |   |  |  |   |  |
|                    | Techniques  |  |  |   |  |
| T E R E            | FRIDAY  LECTIVE-I raffic ngineering  Modeling for ighway imulation oad Safety ngineering  ransducers nd | FRIDAY  LECTIVE-I raffic ngineering  Modeling for ighway imulation  oad Safety ngineering  ELECTIVE-I  Electronic System Design Advanced | FRIDAY MONDAY WEDNESDAY  LECTIVE-I raffic ngineering Highway Policy & Planning  Modeling for ighway imulation oad Safety ngineering  ELECTIVE-I Signal Conditioning Circuits  Electronic System Design  Advanced Microcontrollers  Transform | FRIDAY MONDAY WEDNESDAY FRIDAY  LECTIVE-I raffic ngineering  Modeling for ighway imulation oad Safety ngineering  ELECTIVE-I Electronic System Design Advanced Microcontrollers Transform  Pavement Material Characterization  Digital Instrumentation  Digital Instrumentation | FRIDAY MONDAY WEDNESDAY FRIDAY MONDAY  LECTIVE-I raffic ngineering  Modeling for ighway imulation oad Safety ngineering  ELECTIVE-I  Signal Conditioning circuits  ELECTIVE-II  Remote Sensing & GIS  Road Engineering  Pavement Design & EValuation  ELECTIVE-II  Electronic System Design Advanced Microcontrollers  Transform  MONDAY  BLECTIVE-II  Characterization  Pavement Material Characterization  Pavement Design & ELECTIVE-II  Digital Instrumentation  Advanced Digital Signal Processing  Neural Networks and Fuzzy Logic |

DATE: 07-08-2023

Sd/-

**CONTROLLER OF EXAMINATIONS** 

#### KUKATPALLY-HYDERABAD-500085 EXAMINATIONBRANCH

# M.TECH .I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023 T I M E T A B L E

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

|   | 25 00 2022               | 20.00.2022                               | 20.00.2022                      | 01 00 2022                           | 04.00.2022           | 06.00.2022           |
|---|--------------------------|--|---------------------------------|--------------------------------------|----------------------|----------------------|
| _   | 25-08-2023               | 28-08-2023                               | 30-08-2023                      | 01-09-2023                           | 04-09-2023           | 06-09-2023           |
| Course  | FRIDAY                   | MONDAY                                   | WEDNESDAY                       | FRIDAY                               | MONDAY               | WEDNESDAY            |
| HEATING VENTILATION<br>& AIR CONDITIONING -91 | ELECTIVE-I               |  | Air Conditioning                | ELECTIVE-II                          | ELECTIVE-I           | MC                   |
|   | Advanced                 | Refrigeration                            |                                 | Conduction and                       | Equipment Design for | Research Methodology |
|   | Thermodynamics           |  |                                 | Radiation Heat Transfer              | Thermal Systems      | and IPR              |
|   |                          |  |                                 | Advanced Heat                        | Advanced Thermal     |                      |
|   |                          |  |                                 | Transfer                             | Storage Technologies |                      |
|   |                          |  |                                 | Convective Heat and<br>Mass Transfer |                      |                      |
| ENGINEERING DESIGN                            | Advanced                 | Flooting II                              | A diverse d NAs absocias of     | ELECTIVE-I                           | ELECTIVE-II          | MC                   |
| engineering design<br>95                      | Mechanics of             | Elective-II                              | Advanced Mechanics of Machinery | ELECTIVE-I                           | ELECTIVE-II          | MC                   |
| 93  | Solids                   | Design for                               | - Machinery                     |                                      |                      |                      |
|   | Julius                   | Manufacturing &                          |                                 | Advanced Machine                     | Optimization         | Research Methodology |
|   |                          | Assembly                                 |                                 |                                      | Techniques &         | and IPR              |
|   |                          |  |                                 | Design                               | ,                    | allu IFN             |
|   |                          |  |                                 | Random Vibrations                    | Applications         |                      |
|   |                          |  |                                 | Theory of Elasticity                 | Mechanical Behaviour | -                    |
|   |                          |  |                                 |                                      | of Engineering       |                      |
|   |                          |  |                                 |                                      | Materials            |                      |
|   |                          |  |                                 |                                      | Widterfals           |                      |
| CONSTRUCTION                                  | Construction             | Quantitative                             | ELECTIVE-II                     | ELECTIVE-I                           |                      | MC                   |
| MANAGEMENT -A1                                | Methods and<br>Equipment | Methods in<br>Construction<br>Management | Geotechnics for                 | Infrastructure                       |                      | Research Methodology |
|   |                          |  | Infrastructure.                 | Valuation                            |                      | and IPR              |
|   |                          |  | Integrated Water                | Construction                         |                      |                      |
|   |                          |  | Resource                        | Engineering practices                |                      |                      |
|   |                          |  | Management                      |                                      |                      |                      |
|   |                          |  | Repair & Rehabilitation         | Formwork and                         |                      |                      |
|   |                          |  | of Buildings                    | scaffolding design.                  |                      |                      |
|   |                          |  |                                 |                                      |                      |                      |

#### KUKATPALLY-HYDERABAD-500085 EXAMINATIONBRANCH

# M.TECH .I YEAR -I SEMESTER -R19 REGULATION- SUPPLEMENTARY EXAMINATIONS AUGUST/SEPTEMBER-2023 T I M E T A B L E

TIME: 10:00 AM TO 01:00 PM

|   | 25-08-2023   | 28-08-2023   | 30-08-2023  | 01-09-2023  | 04-09-2023             | 06-09-2023                   |  |
|---|--|--|---|---|------------------------|------------------------------|--|
| Course  | FRIDAY   | MONDAY   | WEDNESDAY   | FRIDAY  | MONDAY                 | WEDNESDAY                    |  |
| ARTIFICIAL<br>INTELLIGENCE-A9   | Artificial<br>Intelligence and<br>Intelligent<br>Systems | Elective-I   | Statistical<br>Foundations for<br>Artificial Intelligence | Elective-II   | Elective-I             | MC                           |  |
|   |  | Advanced Data<br>Structures                                  |   | Cognitive Systems   | Machine Learning       | Research Methodology &IPR    |  |
|   |  |  |   | Computer Vision   |                        |                              |  |
|   |  | Ad-hoc and Sensor<br>Networks                                |   | Game Theory and Applications                              |                        |                              |  |
| DATA SCIENCE-B0   | Advanced Data  | Elective-II  | Statistical   | Elective-I  | Elective-II            | MC                           |  |
|   | Structures using Python                                  | Ad-hoc and Sensor<br>Networks                                | Foundations for Data<br>Science                           | Image and Video Analytics                                 | Social Media Analytics | Research<br>Methodology &IPR |  |
|   |  |  |   | Advanced Artificial Intelligence                          | Visual Analytics       |                              |  |
|   |  |  |   | Information Security                                      |                        |                              |  |
| ARTIFICIAL INTELLIGENCE AND DATA SCIENCE-B2  Intelligence and Intelligent Systems | Artificial Intelligence and                              | Elective-I   |   | Elective-II   | Elective-II            | MC                           |  |
|   | Systems Structu<br>pythor<br>Function<br>progra          | Advanced Data Structures using python Functional programming | Statistical Foundations for Data Science                  | Computational neuro science  Game Theory and Applications | Machine Learning       | Research<br>Methodology &IPR |  |
|   |  | Cyber security   |   |   |                        |                              |  |

DATE: 07-08-2023

Sd/CONTROLLER OF EXAMINATIONS

#### NOTE:

- (I). ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
- (II). EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES.THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL