

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
B.TECH II YEAR I-SEMESTER **TIME: 8.15 AM to 10.15 AM**

| DATE | CIVIL | EEE | MECH | ECE | MME | CHEM | CSE | BIO-TECH |
|------------|----------------------------------|---|--------------------------------------|---|---|---------------------------------------|--|-----------------------------|
| 26-10-2020 | Remote Sensing | -- | -- | -- | -- | -- | -- | -- |
| 27-10-2020 | Mathematical Methods | Mathematics-III | Transformation Techniques | Complex Variables & Special Functions I | Mathematics-III | Mathematics-III | Data Structures and Algorithms | Mathematics-III |
| 28-10-2020 | Building Planning & Construction | Electrical Measurements & Instrumentation | Materials Engineering | Signals & Systems | Physical Metallurgy | Chemical Process Calculations | Probability Statistical & Queuing Theory | Biochemical Thermo Dynamics |
| 29-10-2020 | Civil Engineering Materials | Circuit Theory-I | Thermo Dynamics | Digital System Design- | Unit Processes in Extractive Metallurgy | Mechanical Operations | Discrete Mathematics | Bioprocess Calculations |
| 31-10-2020 | Strength of Materials | Electric & Magnetic Fields | Turbo machines | Electronic Devices & Circuits-I | Metallurgical Thermodynamics | Fluid & Particle Mechanics | Unit Tools and Programming | Bio Chemistry |
| 02-11-2020 | Fluid Mechanics-I | Data Structures | Kinematics of Machinery | Data Structures | Transport Phenomenon | Industrial Organic Chemistry | Digital Logic Design | Cell Biology |
| 03-11-2020 | Surveying | Analog Electronics | Fluid Mechanics & Hydraulic Machines | Network Analysis | -- | Chemical Engineering Thermodynamics-I | Network Analysis | Bio Computing |
| 04-11-2020 | Engineering Geology | -- | Mechanics of Solids | -- | -- | -- | -- | Micro Biology |

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NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
B.TECH III YEAR I-SEMESTER **TIME: 11.00 AM to 1.00 PM**

| DATE | CIVIL | EEE | MECH | ECE | MME | CHEM | CSE | BIO-TECH |
|------------|-------------------------------|---|--|---|----------------------------------|---|----------------------------------|-------------------------------------|
| 27-10-2020 | Engineering Hydrology | Control Systems | Design of Machine Elements | Analog and Digital Communications | Mechanical Behavior of Materials | Chemical Reaction Engineering-II | Data Warehousing & Data Mining | Biological Reaction Engineering |
| 28-10-2020 | Design of Concrete Structures | Power Economics and Accountancy | Mechanical Measurements | Linear IC Applications | Engineering Economics | Chemical Technology | Economics and Financial Analysis | Bioprocess Engineering |
| 29-10-2020 | Geo Technical Engineering –I | Computer Organization/ Utilization of Electrical Energy | Machine Tools and Metrology | Computer Architecture/ Internet of Things | Steel Making Technology | Industrial Safety and Hazard Mitigation | Data Networks | Biostatistics |
| 31-10-2020 | Theory of Structures-I | Power Systems-II | Management Science and Productivity | Antennas and Propagation | Powder Metallurgy | Mass Transfer-II | Software Engineering | Genetic Engineering |
| 02-11-2020 | Environmental Engineering-I | Electrical Machines-II | Prime Movers for Automobiles | Micro Controllers | Finite Elements Methods | Elements of Transport Phenomena | Operating Systems | Immunology |
| 03-11-2020 | Irrigation Engineering | Microprocessors & Microcontroller | Design Optimization Methods/ Advanced Welding Tech/ Gas Dynamics | CMOS VLSI Design | Polymer Technology | Fuel Cell and Flow Batteries/ Nano Technology | Theory of Computation | Bio separation Technology |
| 04-11-2020 | Transportation Engineering -I | -- | -- | -- | -- | -- | -- | Bio process Instrumentation Control |

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NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
B.TECH IV YEAR I-SEMESTER **TIME: 3.00 PM to 5.00 PM**

| DATE | CIVIL | EEE | MECH | ECE | MME | CHEM | CSE | BIO-TECH |
|------------|---|-----------------------|--|---|---|--------------------------------------|---------------------------------|--|
| 27-10-2020 | Foundation Analysis & Design/ Irrigation Management | Electric Drives | Refrigeration & Air Condition | Electronics Instrumentation | Metal Joining | Interfacial Science | Advanced Algorithms | Instrumentation and Analytical methods in Bio-Technology |
| 28-10-2020 | Construction Technology & Project Management | -- | Engineering Economics & Accountancy | Software Defined Radio/ RF I/C Design | -- | -- | -- | -- |
| 29-10-2020 | Quantity Surveying and Public Works | Industrial Management | -- | Satellite communications/ Fuzzy & Neural Networks | Non-Ferrous Extractive Metallurgy | Process Design and Process Economics | Cloud Computing | Biosafety Bioethics and IPR |
| 31-10-2020 | Ground Improvement Tech/ Traffic Engineering & Design | HVDC & FACTS | Computer Aided Manufacturing | Cellular & Mobile Communications | Metal Forming | Capture & Utilization | Internet of things | Bio Nanotech/ Bio Materials Tech |
| 02-11-2020 | Pre-stressed Concrete/Travel Demand Analysis | CMPS/SMPC/ MAEM | Total Quality Management/ Tribology | -- | Physical Metallurgy of Non- Ferrous Metals and Alloys | Bio Chemical Engineering | Cryptography & Network Security | Modeling, Simulation and Optimization of Bio Processes |
| 03-11-2020 | System Analysis in Civil Engineering | -- | Non-Convnt. Energy Source/ Condition Monitoring/ | Advanced Digital Signal Processing | -- | -- | Machine Learning | Animal Biotech/ Medical Biotech/ Bio Pharmaceutical Technology |
| 04-11-2020 | Open Elective-II | Open Elective-II | Open Elective-II | Open Elective-II | Open Elective-II | Open Elective-II | Open Elective-II | Open Elective-II |

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NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
Schedule for B.TECH **IV YEAR I-SEMESTER **OPEN ELECTIVE****

| Date and Time | Course Id | Name of the Course | Department |
|--|------------------|---|----------------------|
| 04/11/2020 8.15 AM to 10.15 AM | CE440 | Building Technology | Civil Engineering |
| | BT440 | Biosensors | Bio Technology |
| | ME440 | Alternative Sources of Energy | MED |
| | EC441 | Microprocessor Systems | ECE |
| 04/11/2020 11.00 AM to 1.00 PM | MM440 | Metallurgy for Non-Metallurgists | MMED |
| | CS440 | Management Information Systems | CSE |
| | EE440 | New Venture Creation | EED |
| | PH440 | Nanomaterials and Technology | Physics |
| 04/11/2020 3.00 PM - 5.00 PM | CY441 | Chemistry of Nanomaterials | Chemistry |
| | MA440 | Optimization Techniques | Mathematics |
| | HS440 | Corporate Communication | HSS |
| | SM440 | Human Resource Management | SOM |
| | CH443 | Carbon capture, sequestration and utilization | Chemical Engineering |

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NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
M.C.A./M.Sc./M.Sc.(Tech) II YEAR I-Semester TIME: 3.00 PM to 5.00 PM

| DATE | C. S. E. | ENGINEERING PHYSICS | MATHEMATICS | | CHEMISTRY | |
|------------|---|---|---|------------------------------------|---|--|
| | M.C.A. | | APPLIED MATHS | MATHEMATICS & SCIENTIFIC COMPUTING | ORGANIC CHEMISTRY | ANALYTICAL CHEMISTRY |
| 27-10-2020 | Organizational Structures and Personal Management | Switching Theory & Logic Design | Functional Analysis | Design Analysis of Algorithms | Organic Reagents & Name Reactions | Physical Methods of Chemical Analysis |
| 28-10-2020 | Operating Systems Concepts | Materials Science | Complex Analysis | Complex Analysis | -- | -- |
| 29-10-2020 | Database Systems | Optoelectronics | Finite Volume Methods | Symbolic Computing | Organic Synthesis | X-Ray and Microscopic Methods of Analysis |
| 31-10-2020 | Software Engineering Principles | Linear IC Applications | Numerical Solutions of Differential Equations | Data Base Management Systems | Green Chemistry / Chemistry of Natural Products | Nano Materials Synthesis & Characterization/ Statistics and Quality Control in Analytical Chemistry Laboratory |
| 02-11-2020 | Artificial Intelligence | Measurement Techniques & Error Analysis | Fluid Dynamics | Fluid Dynamics | -- | -- |
| 03-11-2020 | -- | -- | Mathematical Programming | Elementary Number Theory | Application of Chemical Spectroscopy | Application of Chemical Spectroscopy |

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NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
MID SEMESTER EXAMINATIONS, OCTOBER – 2020
M.C.A./M.Sc.(Tech) **III YEAR** I-Semester TIME: **11.00 AM to 1.00 PM**

| DATE | C. S. E. | ENGINEERING PHYSICS | | |
|------------|---------------------------------|---------------------------------------|--------------------------------------|-----------------------------|
| | M.C.A. | ELECTRONICS | PHOTONICS | INSTRUMENTATION |
| 27-10-2020 | Mobile Applications Development | Digital Signal Processing | Opto Electronic Sensing & Moems | Analytical Instrumentation |
| 28-10-2020 | Software Testing | Microcontrollers and Embedded Systems | Fourier Optics & Holography | Process Instrumentation |
| 29-10-2020 | Internet of Things | Electronics Instrumentation | Optical Element Processing & Testing | Electronics Instrumentation |
| 31-10-2020 | Network Security | Medical Instrumentation | Display Technologies | Medical Instrumentation |
| 02-11-2020 | Ubiquitous Computing | VLSI Design | Biophotonics | Non-Destructive Testing |
| 03-11-2020 | -- | Data Communication | Fiber Optic Communication | Signal Processing |

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