



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
(for students admitted in 2018, 2019 & 2020 only)

Time: 10.00 AM to 01.00 PM

| Date / Day | Computer Networks (CN) | Computer Science & Engineering and Computer Science (CSE & CS) | Software Engineering (SE) |
|-------------------------|---|--|---|
| 30.05.2022 Monday | Advanced Data Structures & Algorithms 17D58101 <small>(Common to CN, CSE, CS and AI&ML)</small> | Object Oriented Software Engineering 17D25101 | |
| 01.06.2022 Wednesday | Network Programming 17D08101 | Fundamentals of Data Science 17D58102 <small>(Common to CSE, CS and SE)</small> | Software Requirements & Estimation 17D25102 |
| 03.06.2022 Friday | Network Security & Cryptography 17D08102 | Software Patterns 17D58103 | Software Engineering 17D25106 <small>(Common to CSE, CS and SE)</small> |
| 06.06.2022 Monday | Internet of Things 17D58203 | Professional Aspects in Software Engineering 17D25106 | Agile Methodologies 17D25103 |
| | Internals of Operating Systems 17D58108 <small>(Common to CN, CSE and CS)</small> | Artificial Intelligence 17D58107 | Reverse Engineering 17D25104 |
| | Soft Computing 17D08103 | Information Security 17D58104 | Service Oriented Architecture 17D25105 |
| | High Performance Networks 17D08104 | Distributed Databases 17D58105 | Formal Methods of Software Engineering 17D25107 |
| 08.06.2022 Wednesday | Storage Area Networks 17D08105 | Software Project Management 17D25205 <small>(Common to CN, CSE and CS)</small> | Component Based Software Engineering 17D25109 |
| | Network Design & Management 17D08106 | Neural Networks 17D58106 <small>(Common to CN, CSE, CS and AI&ML)</small> | Protocol Software Engineering 17D25110 |
| | Software Project Management 17D25205 <small>(Common to CN, CSE, CS and AI&ML)</small> | Multicore Architecture & Programming 17D58109 <small>(Common to CSE, CS and AI&ML)</small> | |
| 10.06.2022 Friday | --- | --- | |

Date: 02.05.2022



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
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Time: 10.00 AM to 01.00 PM

| Date / Day | Construction Planning & Management (CPM) | Highway Engineering (HE) | Structural Engineering & Construction Management (SE&CM) | Structural Engineering (Struc. E) | | | |
|-------------------------|---|---|--|---|---|---|--|
| 30.05.2022 Monday | Probability & Statistics 17FBS101 | Highway Infrastructure Design 17D93101 | Advanced Mathematical Methods 17D20101 <small>(Common to SE&CM and Struc.E)</small> | Advanced Structural Analysis 17D20102 <small>(Common to SE&CM, Struc.E and CASE)</small> | | | |
| 01.06.2022 Wednesday | Construction Planning & Project Management 17D21101 | Urban Transportation Planning 17D93102 | Advanced Structural Analysis 17D20102 <small>(Common to SE&CM, Struc.E and CASE)</small> | Theory of Elasticity & Plasticity 17D20103 <small>(Common to SE&CM, Struc.E and CASE)</small> | | | |
| 03.06.2022 Friday | Construction Practices 17D21102 | Traffic Engineering 17D93103 | Construction Management 17D91101 | Theory & Analysis of Plates 17D20104 | | | |
| 06.06.2022 Monday | Human Resource Development for Construction 17D21103 | Pavement Materials & Properties 17D93104 | Remote Sensing & Global Positioning Systems 17D93108 | Advanced Concrete Technology 17D20106 <small>(Common to CPM, HE and Struc.E)</small> | | | |
| | Value Engineering 17D21104 | | | | | | |
| 08.06.2022 Wednesday | Advanced Concrete Technology 17D20106 <small>(Common to CPM, HE and Struc.E)</small> | Ground Improvement Methods 17D93109 | Advanced Concrete Technology 17D20106 <small>(Common to CPM, HE and Struc.E)</small> | Advanced Concrete Technology 17D20106 <small>(Common to CPM, HE and Struc.E)</small> | | | |
| | | | | | Applied Statistics 17D93105 | Contract Laws & Regulations 17D91102 | Advanced Concrete Technology 17D20106 <small>(Common to CPM, HE and Struc.E)</small> |
| | | | | | Project Management 17D93106 | Low Cost Housing Techniques 17D20107 <small>(Common to SE&CM and Struc.E)</small> | Advanced Concrete Technology 17D20108 <small>(Common to Struc.E and CASE)</small> |
| 10.06.2022 Friday | Construction Economics & Finance 17D21105 | Bridge Engineering 17D93107 | Advanced Construction Techniques 17D91103 | Advanced Foundation Engineering 17D20110 | | | |
| | | | | | Construction Technology for Tunnels 17D21106 | Quality Control & Safety Management 17D91105 | --- |
| 14.06.2022 Tuesday | Building Services 17D21107 | --- | Maintenance & Rehabilitation of Structures 17D20109 <small>(Common to SE&CM and Struc.E)</small> | --- | | | |
| 16.06.2022 Thursday | Experimental Stress Analysis 17D20105 ned) <small>(Common to CPM, Struc.E and CASE)</small> | --- | --- | Experimental Stress Analysis 17D20105 <small>(Common to CPM, Struc.E and CASE)</small> | | | |



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
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| Date / Day | Computer Aided Structural Engineering (CASE) | Electrical Power Engineering, Electrical Power Systems and Power System (EPE, EPS & PS) | Power Electronics, Power & Industrial Drives, Power Electronics & Electrical Drives and Power Electronics & Drives (PE, PID, PEED & PED) |
|-------------------------|--|---|---|
| 30.05.2022 Monday | Computer Aided Numerical Methods 17D35101 | Advanced Power System Protection 17D49101 | Advanced Power Semiconductor Devices 17D54101 |
| 01.06.2022 Wednesday | Advanced Structural Analysis 17D20102 (Common to SE&CM, Struc.E and CASE) | Machine Modeling & Analysis 17D49102 (Common to EPE, EPS, PS, PE, PID, PEED and PED) | --- |
| 03.06.2022 Friday | Theory of Elasticity & Plasticity 17D20103 (Common to SE&CM, Struc.E and CASE) | Optimization & Heuristic Search Techniques 17D49103 (Common to EPE, EPS, PS, PE, PID, PEED and PED) | Optimization & Heuristic Search Techniques 17D49103 (Common to EPE, EPS, PS, PE, PID, PEED and PED) Advanced Digital Signal Processing 17D54104 |
| 06.06.2022 Monday | C++ and Data Structures 17D35102 | Restructured Power Systems 17D49104 | Applications of Power Electronics to Power Systems 17D54103 |
| 08.06.2022 Wednesday | Optimization in Structural Design 17D35103 | FACTS Controllers 17D49106 | Solid State DC Drives 17D54102 |
| | Structural Health Monitoring 17D35104 | Solar Energy Conversion Systems 17D49107 | FGPA based Digital System Design 17D54105 |
| | Modeling, Simulation & Computer Applications 17D35105 | Power System Wide Area Monitoring & Control 17D49108 | Hybrid Electric Vehicle Systems 17D54107 |
| 10.06.2022 Friday | Prestressed Concrete 17D20108 (Common to Struc.E and CASE) | Energy Auditing & Management 17D49109 | Solid-State Lighting & Control 17D54106 |
| | Stability of Structures 17D20203 | State Estimation Techniques 17D49110 | Hybrid Electric Vehicle Systems 17D54107 |
| 14.06.2022 Tuesday | --- | Modern Control Engineering & Principles of Optimal Control 17D49105 (Common to EPE, EPS, PS, PE, PID, PEED & PED) | --- |
| 16.06.2022 Thursday | Experimental Stress Analysis 17D20105 (Common to CPM, Struc.E and CASE) | --- | --- |

Date: 02.05.2022

Page 3 of 8

Controller of Examinations (PG)



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
(for students admitted in 2018, 2019 & 2020 only)

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| Date / Day | Digital Electronics & Communication Systems (DECS) | Electronics & Communication Engineering (ECE) | Digital Systems & Computer Electronics (DSCE) |
|-------------------------|--|---|--|
| 30.05.2022 Monday | | Structural Digital System Design 17D06101 (Common to DECS, ECE, DSCE, ES, VLSI&ES, ESAVLSI, VLSI&ESD, VLSI, VLSIS and VLSISD) | Advanced Computer Networks 17D06102 |
| 01.06.2022 Wednesday | Digital Communication Techniques 17D38102 (Common to DECS and ECE) | | Advanced Digital Signal Processing 17D06108 (Common to DECS, ECE and DSCE) |
| 03.06.2022 Friday | Advanced Digital Signal Processing 17D06108 (Common to DECS, ECE and DSCE) | | Test & Testability 17D06109 Fuzzy Systems & Neural Networks 17D06110 |
| 06.06.2022 Monday | Error Control Coding 17D38101 | Advanced Microprocessors & Microcontrollers 17D06104 (Common to ECE and DSCE) | |
| 08.06.2022 Wednesday | Low Power VLSI Design 17D06210 (Common to DECS and ECE) | Advanced Operating Systems 17D06105 (Common to DECS, ECE and DSCE) | Distributed Embedded Computing 17D06106 |
| | Advanced Computer Architecture 17D38103 | --- | Pattern Recognition & Computer Vision 17D06107 |
| | --- | Digital Image & Video Processing 17D06209 | |
| 10.06.2022 Friday | Statistical Signal Processing 17D38105 | Optical Communication Technology 17D38206 | --- |
| | Spread Spectrum Communication 17D38106 | Network Security & Cryptography 17D06208 (Common to ECE, ES, VLSI&ES, ESAVLSI and VLSI&ESD) | |
| 14.06.2022 Tuesday | Transform Techniques 17D38104 (Common to DECS and ECE) | | Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ESAVLSI and VLSI&ESD and VLSI, VLSIS and VLSISD) |



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
(for students admitted in 2018, 2019 & 2020 only)

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| Date / Day | Embedded Systems (ES) | VLSI & Embedded Systems, Embedded Systems & VLSI and VLSI and Embedded System Design (VLSI&ES, ES&VLSI and VLSI&ESD) | VLSI, VLSI Systems, VLSI System Design (VLSI, VLSIS and VLSISD) |
|-------------------------|--|--|--|
| 30.05.2022 Monday | Structural Digital System Design 17D06101 --- | (Common to DECS, ECE, DSCE, ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD) | Structural Digital System Design 17D06101 |
| | Real Time Operating Systems 17D55102 | | |
| 01.06.2022 Wednesday | Embedded System Design 17D06201 (Common to ES, VLSI&ES, ES&VLSI and VLSI&ESD) | | Advanced MOSFET Modeling 17D57101 |
| 03.06.2022 Friday | Linux Programming & OOPS 17D06203 | CMOS Analog & Digital IC Design 17D68101 | CMOS Analog IC Design 17D57102 |
| 06.06.2022 Monday | Embedded C 17D55101 (Common to ES, VLSI&ES, ES&VLSI and VLSI&ESD) | | CMOS Digital IC Design 17D57103 |
| 08.06.2022 Wednesday | Sensors & Actuators 17D06204 | --- | --- |
| 10.06.2022 Friday | CPLD & FPGA Architectures & Applications 17D06202 (Common to ES, VLSI&ES, ES&VLSI, VLSI&ESD, VLSI, VLSIS and VLSISD) | Wireless Communications & Networks 17D38201 (Common to ES, VLSI&ES, ES&VLSI and VLSI&ESD) | ASIC Design 17D55206 |
| | | Network Security & Cryptography 17D06208 (Common to ECE, ES (VLSI&ES, ES&VLSI and VLSI&ESD)) | Optimization Techniques in VLSI Design 17D57106 |
| | | | VLSI Signal Processing 17D57104 (Common to VLSI&ES, ES&VLSI, and VLSI&ESD, VLSI, VLSIS and VLSISD) |
| | | | Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ES&VLSI and VLSI&ESD and VLSI, VLSIS and VLSISD) |
| 14.06.2022 Tuesday | Advanced Computer Architecture 17D06103 (Common to DSCE, ES, VLSI&ES, ES&VLSI and VLSI&ESD and VLSI, VLSIS and VLSISD) | | CAD for VLSI 17D57105 (Common to VLSI&ES, ES&VLSI, and VLSI&ESD, VLSI, VLSIS and VLSISD) |

Date: 02.05.2022

Controller of Examinations (PG)



Jawaharlal Nehru Technological University Anantapur
Examinations Branch

Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022

(for students admitted in 2018, 2019 & 2020 only)

Time: 10.00 AM to 01.00 PM

| Date / Day | Advanced Manufacturing Systems (AMS) | Machine Design (MD) | CAD/CAM | Production Engineering & Engineering Design (PE&ED) |
|-------------------------|---|---|---|--|
| 30.05.2022 Monday | Automation in Manufacturing 17D87101 | | Computational Methods 17DBS101 (Common to MD, CAD/CAM and PE&ED) | |
| 01.06.2022 Wednesday | Computer Aided Manufacturing 17D87102 | | Advanced Finite Element Methods 17D04101 (Common to MD, CAD/CAM and PE&ED) | |
| 03.06.2022 Friday | Precision Engineering 17D87103 | Advanced Mechanisms 17D15101 | Computer Integrated Manufacturing 17D04102 | Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE) |
| 06.06.2022 Monday | Design for Manufacturing & Assembly 17D87104 | Advanced Mechanics of Solids 17D15102 | Advances in Manufacturing Technology 17D04103 (Common to CAD/CAM, PE&ED and PE) | |
| 08.06.2022 Wednesday | Special Manufacturing Process 17D87105 | Tribology in Design 17D15106 | Design for Cellular Manufacturing System 17D04104 | Mechanical Vibrations 17D15202 |
| | Product Data Management 17D87106 | Design of Hydraulic & Pneumatic Systems 17D04105 (Common to MD & CAD/CAM) | | Mechanical Measurements 17D90101 |
| | Total Quality Management 17D87107 | | Advanced Tool Design 17D04106 | --- |
| 10.06.2022 Friday | Advanced CAD 17D87108 | Computer Applications in Design 17D15103 | Quality Engineering & Manufacturing 17D04107 | Rapid Prototyping 17D04208 (Common to PE&ED and PE) |
| | Advanced Mechatronics 17D87109 | Materials Technology 17D15109 | Computer Aided Process Planning 17D04108 | Design & Manufacturing of MEMS & MICRO systems 17D87205 |
| | Theory of Elasticity & Plasticity 17D87110 | Quality Concepts in Design 17D15105 | Design for Manufacturing 17D04109 (Common to CAD/CAM and PE&ED) | Quality Engineering 17D90102 (Common to PE&ED and PE) |
| 14.06.2022 Tuesday | --- | --- | --- | |

Date: 02.05.2022

Page 6 of 8

Controller of Examinations (PG)



Jawaharlal Nehru Technological University Anantapur
Examinations Branch
Timetable

M. Tech - I Semester Supplementary Examinations May/June 2022
(for students admitted in 2018, 2019 & 2020 only)

Time: 10.00 AM to 01.00 PM

| Date / Day | Production Engineering (PE) | Thermal Sciences & Energy Systems (TS&ES) | Thermal Engineering (TE) | Refrigeration & Air Conditioning (R&AC) |
|-------------------------|---|---|--|--|
| 30.05.2022 Monday | Materials Technology 17D15104 | Advanced Thermodynamics 17D11102 (Common to TS&ES and TE) | Advanced Heat & Mass Transfer 17D11201 | Refrigeration 17D17101 |
| 01.06.2022 Wednesday | Advanced Welding Technology 17D94102 | Energy Management in Thermal Systems 17D11101 | Advanced Heat & Mass Transfer 17D11201 | Conduction & Radiation Heat Transfer 17D17102 |
| 03.06.2022 Friday | Advanced Optimization Techniques 17D04201 (Common to PE&ED and PE) | Renewable Energy Sources 17D11103 | Turbo Machines 17D88101 | Advanced Thermodynamics 17D17111 |
| 06.06.2022 Monday | --- | Design of Air-Conditioning Systems 17D11105 | Refrigeration & Air Conditioning 17D88103 | Optimization of Engineering Design 17D17104 |
| | Mechatronics 17D94103 | Energy Conversion Technologies 17D11106 | Equipment Design for Thermal Systems 17D88104 | Food Preservation Techniques 17D17105 |
| 08.06.2022 Wednesday | Advances in Manufacturing Technology 17D04103 (Common to CAD/CAM, PE&ED and PE) | Solar Passive Architecture 17D11107 | Optimization Techniques & its Applications 17D11206 | Air Handling Systems Design 17D17106 |
| | Theory of Metal Cutting & Tool Design 17D94101 | Fuels & Combustion Technology 17D11104 | Fuels, Combustion & Environment 17D88102 | Principles of Air Conditioning 17D17103 |
| 10.06.2022 Friday | Rapid Prototyping 17D04208 (Common to PE&ED and PE) | Instrumentation for Thermal Engineering 17D11108 | FEA in Thermal Engineering 17D88105 | Cryogenic Engineering 17D17107 |
| | Friction & Wear in Machinery 17D90204 | Refrigeration & Cryogenics 17D11109 | Design of Heat Exchangers 17D88106 | Solar Refrigeration & Air Conditioning 17D17108 |
| | Nanotechnology 17D94105 | Advanced Power Plant Engineering 17D11110 | Energy Resources 17D88107 | Erection & Maintenance of Refrigeration & Air Conditioning Equipment 17D17109 |
| 14.06.2022 Tuesday | Quality Engineering 17D90102 (Common to PE&ED and PE) | --- | --- | --- |



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Examinations Branch
Timetable

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| Date / Day | Geotechnical Engineering (GTE) | Artificial Intelligence & Machine Learning (AI&ML) |
|-------------------------|--|---|
| 30.05.2022 Monday | Numerical Methods 17D12101 | Advanced Data Structures & Algorithms 17D58101 <small>(Common to CN, CSE, CS & AI&ML)</small> |
| | Advanced Soil Mechanics 17D12102 | Python Programming 20D97101 |
| 01.06.2022 Wednesday | Theoretical Soil Mechanics 17D12103 | Artificial Intelligence & Machine Learning 20D97102 |
| | Geo-Technical Earth Quake Engineering 17D12105 | Mathematics for Machine Learning 20D97103 |
| 06.06.2022 Monday | Remote Sensing & its Application in Geotechnical Engineering 17D12106 | Digital Image Processing 20D97104 |
| | Unsaturated Soil Mechanics 17D12107 | Knowledge Representation & Reasoning 20D97105 |
| 08.06.2022 Wednesday | Geo-Environmental Engineering 17D12108 | Robotics & Automation 20D97106 |
| | Soil Dynamics & Machine Foundations 17D12109 | Neural Networks 17D58106 <small>(Common to CN, CSE, CS & AI&ML)</small> |
| | Soil Structure Interaction 17D12110 | Pattern Recognition 20D97107 |
| | Foundation Engineering for Problematic Soils 17D12111 | Expert Systems 20D97108 |
| 10.06.2022 Friday | Design of Shallow Foundations 17D12104 | Multicore Architecture & Programming 17D58109 <small>(Common to CSE, CS and AI&ML)</small> |

- NOTE: 1. Any clashes / omissions in this time-table may be brought to the notice of the under signed immediately.
2. If the Government declares holiday on any of the above dates, the examinations will be conducted as usual.

Date: 02.05.2022