

NATIONAL INSTITUTE OF TECHNOLOGY PATNA

Schedule for End Semester Examination (Online Mode) July-Dec 2020 for PG & Ph.D. Students.

Reporting time on Microsoft Team for FN: 09:45 AM & AN: 01:45 PM

Exam Time for FN: 10:00 AM to 12:00 Noon & AN: 02:00 PM to 04:00 PM

Time for uploading of scanned answer sheet on MS team for FN: 12:00 Noon to 12:30 PM & AN: 04:00 PM to 04:30 PM

| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-------------------|-----|------------|---|-----------|--------------|-----------|-----------|
| Ph.D. | ARPH | 1 | AR300101 | Planning Principles & Techniques | 20-01-21 | AN | R | 3 |
| | | | AR300102 | Infrastructure Planning | 19-01-21 | AN | R | 3 |
| | | | AR300150 | Regional Analysis and Programming | 19-01-21 | FN | R | 1 |
| | | | AR430102 | Contemporary Architecture Theories and Trends | 19-01-21 | AN | R | 7 |
| | | | AR430103 | Building Science and Sustainability | 19-01-21 | FN | R | 11 |
| | | | AR430104 | Assessment of Built Environment | 21-01-21 | AN | R | 11 |
| | | | AR430153 | Ecology and Sustainable Development | 20-01-21 | FN | R | 12 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 12 |
| | | 2 | AR300150 | Regional Analysis and Programming | 19-01-21 | FN | R | 1 |
| Ph.D. | ARPH Total | | | | | | | 61 |
| Ph.D. | CEPH | 1 | CE230101 | Advanced Structural Analysis | 22-01-21 | AN | R | 1 |
| | | | CE230102 | Theory of Elasticity and Plasticity | 21-01-21 | AN | R | 3 |
| | | | CE230108 | Prestressed Concrete Structures | 21-01-21 | FN | R | 4 |

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|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | CEPH | 1 | CE230110 | Mechanics of Composite Materials | 20-01-21 | AN | R | 11 |
| | | | CE230112 | Earthquake Resistant Design of Structures | 19-01-21 | FN | R | 2 |
| | | | CE230115 | Optimization Techniques in Civil Engineering | 20-01-21 | FN | R | 18 |
| | | | CE230117 | Advanced Design of Concrete Structures | 19-01-21 | AN | R | 9 |
| | | | CE240101 | Transportation Planning | 21-01-21 | FN | R | 6 |
| | | | CE240102 | Pavement Materials | 19-01-21 | FN | R | 7 |
| | | | CE240108 | Remote Sensing & GIS and their Applications | 18-01-21 | AN | R | 2 |
| | | | CE240113 | Rural Roads Planning and Design | 20-01-21 | AN | R | 2 |
| | | | CE250101 | Advanced Hydrology | 19-01-21 | AN | R | 4 |
| | | | CE250102 | Advanced Hydraulics | 19-01-21 | FN | R | 3 |
| | | | CE250107 | Irrigation Water Management | 21-01-21 | AN | R | 2 |
| | | | CE250108 | Remote Sensing and GIS for Water Resources | 18-01-21 | AN | R | 10 |
| | | | CE250110 | Disaster Management | 20-01-21 | AN | R | 5 |

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|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | CEPH | 1 | CE250111 | Water Harvesting and Groundwater Recharge | 21-01-21 | FN | R | 4 |
| | | | CE310101 | Physicochemical Processes for Water and Wastewater Treatment | 21-01-21 | FN | R | 3 |
| | | | CE310102 | Biological Processes for Water and Wastewater Treatment | 19-01-21 | FN | R | 2 |
| | | | CE310111 | Air and Noise Pollution | 19-01-21 | AN | R | 2 |
| | | | CE310113 | Environmental Fluid Mechanics | 20-01-21 | FN | R | 3 |
| | | | CE310115 | Environmental Impact Assessment and Mitigation | 20-01-21 | AN | R | 4 |
| | | | CE330101 | Advanced Foundation Engineering | 21-01-21 | FN | R | 5 |
| | | | CE330102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 1 |
| | | | CE330107 | Earth Pressure & Retaining Structures | 19-01-21 | FN | R | 4 |
| | | | CE330108 | Ground Improvement Techniques | 19-01-21 | AN | R | 6 |
| | | | CE330109 | Advanced Soil Mechanics | 20-01-21 | FN | R | 2 |
| | | | CE330110 | Geo-Environmental Engineering | 22-01-21 | AN | R | 7 |
| | | | CE330111 | Critical State Soil Mechanics | 19-01-21 | AN | R | 2 |

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|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | CEPH | 1 | CE330112 | Geotechnical Investigations | 22-01-21 | AN | R | 1 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 43 |
| | | 2 | CE230108 | Prestressed Concrete Structures | 21-01-21 | FN | R | 1 |
| | | | CE230110 | Mechanics of Composite Materials | 20-01-21 | AN | R | 2 |
| | | | CE230112 | Earthquake Resistant Design of Structures | 19-01-21 | FN | R | 1 |
| | | | CE230115 | Optimization Techniques in Civil Engineering | 20-01-21 | FN | R | 3 |
| | | | CE240102 | Pavement Materials | 19-01-21 | FN | R | 4 |
| | | | CE240108 | Remote Sensing & GIS and their Applications | 18-01-21 | AN | R | 1 |
| | | | CE240111 | Traffic Flow Theory | 20-01-21 | AN | R | 1 |
| | | | CE250110 | Disaster Management | 20-01-21 | AN | R | 1 |
| | | | CE310101 | Physicochemical Processes for Water and Wastewater Treatment | 21-01-21 | FN | R | 3 |
| | | | CE310102 | Biological Processes for Water and Wastewater Treatment | 19-01-21 | FN | R | 1 |
| | | | CE310111 | Air and Noise Pollution | 19-01-21 | AN | R | 2 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | CEPH | 2 | CE310113 | Environmental Fluid Mechanics | 20-01-21 | FN | R | 1 |
| | | | CE330102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 2 |
| | | | CE330107 | Earth Pressure & Retaining Structures | 19-01-21 | FN | R | 1 |
| | | | CE330108 | Ground Improvement Techniques | 19-01-21 | AN | R | 2 |
| | | | CE330110 | Geo-Environmental Engineering | 22-01-21 | AN | R | 2 |
| | | | CE330111 | Critical State Soil Mechanics | 19-01-21 | AN | R | 1 |
| | | 3 | CE230112 | Earthquake Resistant Design of Structures | 19-01-21 | FN | R | 1 |
| | | | CE230115 | Optimization Techniques in Civil Engineering | 20-01-21 | FN | R | 1 |
| | | | CE230117 | Advanced Design of Concrete Structures | 19-01-21 | AN | R | 1 |
| | | | CE240101 | Transportation Planning | 21-01-21 | FN | R | 1 |
| | | | CE240102 | Pavement Materials | 19-01-21 | FN | R | 4 |
| | | | CE240110 | Advanced Highway Design | 19-01-21 | AN | R | 3 |
| | | | CE240113 | Rural Roads Planning and Design | 20-01-21 | AN | R | 1 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-------------------|-----|------------|---|-----------|--------------|-----------|------------|
| Ph.D. | CEPH | 3 | CE250107 | Irrigation Water Management | 21-01-21 | AN | R | 1 |
| | | | CE250108 | Remote Sensing and GIS for Water Resources | 18-01-21 | AN | R | 1 |
| | | | CE250110 | Disaster Management | 20-01-21 | AN | R | 1 |
| | | | CE250111 | Water Harvesting and Groundwater Recharge | 21-01-21 | FN | R | 2 |
| | | | CE310102 | Biological Processes for Water and Wastewater Treatment | 19-01-21 | FN | R | 1 |
| | | | CE310112 | Environmental Chemistry and Microbiology | 19-01-21 | AN | R | 1 |
| | | | CE330107 | Earth Pressure & Retaining Structures | 19-01-21 | FN | R | 1 |
| | | | CE330108 | Ground Improvement Techniques | 19-01-21 | AN | R | 1 |
| | | | CE330109 | Advanced Soil Mechanics | 20-01-21 | FN | R | 1 |
| | | 5 | PDME0101 | Research Methodology | 18-01-21 | FN | R | 1 |
| Ph.D. | CEPH Total | | | | | | | 230 |
| Ph.D. | CHPH | 1 | CH134 | Polymer Chemistry | 20-01-21 | FN | R | 9 |
| | | | PDCH0105 | Coordination Chemistry | 19-01-21 | FN | R | 9 |

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|-----------|-------------------|-----|------------|---|-----------|--------------|-----------|-----------|
| Ph.D. | CHPH | 1 | PDCH0106 | Art in Organic Synthesis | 19-01-21 | AN | R | 5 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 10 |
| | | 2 | PDCH0105 | Coordination Chemistry | 19-01-21 | FN | R | 4 |
| | | | PDCH0106 | Art in Organic Synthesis | 19-01-21 | AN | R | 3 |
| | | 3 | PDCH0105 | Coordination Chemistry | 19-01-21 | FN | R | 1 |
| | | 4 | PDCH0105 | Coordination Chemistry | 19-01-21 | FN | R | 1 |
| | | | PDCH0106 | Art in Organic Synthesis | 19-01-21 | AN | R | 1 |
| Ph.D. | CHPH Total | | | | | | | 43 |
| Ph.D. | CSPH | 1 | CS410101 | Advanced Algorithms | 21-01-21 | FN | R | 6 |
| | | | CS410102 | Mathematical Foundations for Information Security | 20-01-21 | FN | R | 5 |
| | | | CS410103 | Cryptography | 20-01-21 | AN | R | 12 |
| | | | CS410109 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 4 |
| | | | CS410160 | Machine Learning Algorithms | 19-01-21 | FN | R | 15 |

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|-----------|--------|-----|------------|---|-----------|--------------|-----------|-------|
| Ph.D. | CSPH | 1 | CS420101 | Advanced Algorithms | 21-01-21 | FN | R | 7 |
| | | | CS420102 | Mathematical Foundation in Computer Science | 20-01-21 | FN | R | 16 |
| | | | CS420103 | Advanced Computer Networks | 20-01-21 | AN | R | 3 |
| | | | CS420106 | AI & Expert Systems | 18-01-21 | AN | R | 21 |
| | | | CS420111 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 7 |
| | | | CS420166 | Distributed System Design | 22-01-21 | AN | R | 1 |
| | | | CS420182 | Machine Learning Algorithms | 19-01-21 | FN | R | 16 |
| | | | CS420206 | AI & Expert Systems | 18-01-21 | AN | R | 2 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 37 |
| | | 2 | CS410102 | Mathematical Foundations for Information Security | 20-01-21 | FN | R | 1 |
| | | | CS410103 | Cryptography | 20-01-21 | AN | R | 3 |
| | | | CS410109 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 1 |
| | | | CS410160 | Machine Learning Algorithms | 19-01-21 | FN | R | 4 |

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|-----------|--------|-----|------------|---|-----------|--------------|-----------|-------|
| Ph.D. | CSPH | 2 | CS420101 | Advanced Algorithms | 21-01-21 | FN | R | 6 |
| | | | CS420102 | Mathematical Foundation in Computer Science | 20-01-21 | FN | R | 10 |
| | | | CS420103 | Advanced Computer Networks | 20-01-21 | AN | R | 1 |
| | | | CS420106 | AI & Expert Systems | 18-01-21 | AN | R | 3 |
| | | | CS420111 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 2 |
| | | | CS420166 | Distributed System Design | 22-01-21 | AN | R | 1 |
| | | | CS420182 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| | | | CS420206 | AI & Expert Systems | 18-01-21 | AN | R | 11 |
| | | | CS420211 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 3 |
| | | | CS420282 | Machine Learning Algorithms | 19-01-21 | FN | R | 10 |
| | | 3 | CS410103 | Cryptography | 20-01-21 | AN | R | 1 |
| | | | CS410160 | Machine Learning Algorithms | 19-01-21 | FN | R | 4 |
| | | | CS420102 | Mathematical Foundation in Computer Science | 20-01-21 | FN | R | 5 |

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|-----------|-------------------|-----|------------|---|-----------|--------------|-----------|------------|
| Ph.D. | CSPH | 3 | CS420106 | AI & Expert Systems | 18-01-21 | AN | R | 5 |
| | | | CS420111 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 1 |
| | | | CS420182 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| | | | CS420206 | AI & Expert Systems | 18-01-21 | AN | R | 5 |
| | | | CS420211 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 5 |
| | | | CS420282 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| Ph.D. | CSPH Total | | | | | | | 237 |
| Ph.D. | ECPH | 1 | CS420111 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 2 |
| | | | CS420182 | Machine Learning Algorithms | 19-01-21 | FN | R | 9 |
| | | | CS420282 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| | | | EC290101 | Probability, Random Variable and Stochastic Process | 20-01-21 | FN | R | 9 |
| | | | EC290102 | Data Communication and Networks | 19-01-21 | AN | R | 15 |
| | | | EC290111 | Satellite Communication | 21-01-21 | FN | R | 9 |

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|-----------|--------|-----|------------|---|-----------|--------------|-----------|-------|
| Ph.D. | ECPH | 1 | EC290112 | Error Control Coding | 19-01-21 | FN | R | 6 |
| | | | EC290113 | Advanced Antenna Engineering | 20-01-21 | AN | R | 4 |
| | | | EC400101 | Digital Integrated Circuits | 18-01-21 | AN | R | 12 |
| | | | EC400102 | MOS Device Physics and Modeling | 21-01-21 | FN | R | 9 |
| | | | EC400111 | Low Power VLSI Design | 20-01-21 | AN | R | 11 |
| | | | EC400112 | RF IC Design | 21-01-21 | AN | R | 3 |
| | | | EC400113 | Organic Electronics | 22-01-21 | AN | R | 10 |
| | | | PDHS0113 | Intellectual Property Rights | 20-01-21 | FN | R | 8 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 38 |
| | | 2 | CS420282 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| | | | EC290101 | Probability, Random Variable and Stochastic Process | 20-01-21 | FN | R | 3 |
| | | | EC290102 | Data Communication and Networks | 19-01-21 | AN | R | 9 |
| | | | EC290111 | Satellite Communication | 21-01-21 | FN | R | 7 |

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|-----------|--------|-----|------------|---|-----------|--------------|-----------|-------|
| Ph.D. | ECPH | 2 | EC290112 | Error Control Coding | 19-01-21 | FN | R | 3 |
| | | | EC290113 | Advanced Antenna Engineering | 20-01-21 | AN | R | 1 |
| | | | EC400112 | RF IC Design | 21-01-21 | AN | R | 1 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 1 |
| | | 3 | CS420182 | Machine Learning Algorithms | 19-01-21 | FN | R | 4 |
| | | | CS420211 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 1 |
| | | | CS420282 | Machine Learning Algorithms | 19-01-21 | FN | R | 1 |
| | | | EC290101 | Probability, Random Variable and Stochastic Process | 20-01-21 | FN | R | 2 |
| | | | EC290102 | Data Communication and Networks | 19-01-21 | AN | R | 7 |
| | | | EC290111 | Satellite Communication | 21-01-21 | FN | R | 1 |
| | | | EC400101 | Digital Integrated Circuits | 18-01-21 | AN | R | 1 |
| | | | EC400111 | Low Power VLSI Design | 20-01-21 | AN | R | 1 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 4 |

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|-----------|-------------------|-----|------------|---|-----------|--------------|-----------|------------|
| Ph.D. | ECPH | 4 | EC290101 | Probability, Random Variable and Stochastic Process | 20-01-21 | FN | R | 1 |
| Ph.D. | ECPH Total | | | | | | | 195 |
| Ph.D. | EEPH | 1 | EE210101 | Non-Linear Control System | 19-01-21 | FN | R | 2 |
| | | | EE210102 | Advanced Instrumentation | 20-01-21 | FN | R | 2 |
| | | | EE210112 | Advanced Industrial Control | 19-01-21 | AN | R | 4 |
| | | | EE210113 | Process Modeling and Identification | 20-01-21 | AN | R | 2 |
| | | | EE210117 | Control System Design | 22-01-21 | AN | R | 2 |
| | | | EE210119 | Power Converters for Drives | 21-01-21 | FN | R | 2 |
| | | | EE210121 | Virtual Instrumentation Using Labview | 18-01-21 | AN | R | 4 |
| | | | EE210156 | SCADA and Energy Management | 21-01-21 | AN | R | 2 |
| | | | EE220101 | Advanced Power System | 19-01-21 | AN | R | 3 |
| | | | EE220102 | Modern Power System Operation and Control | 22-01-21 | AN | R | 5 |
| | | | EE220111 | Non-Conventional Energy System | 20-01-21 | FN | R | 5 |

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|-----------|--------|-----|------------|---|-----------|--------------|-----------|-------|
| Ph.D. | EEPH | 1 | EE220114 | Flexible AC Transmission Systems | 18-01-21 | AN | R | 2 |
| | | | EE220115 | Power Quality Management | 20-01-21 | AN | R | 1 |
| | | | EE220118 | Power System Protection | 21-01-21 | FN | R | 3 |
| | | | EE220123 | Digital Protection of Power System | 21-01-21 | AN | R | 4 |
| | | | EE220126 | Power Conversion Techniques | 19-01-21 | FN | R | 3 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 12 |
| | | 2 | EE210101 | Non-Linear Control System | 19-01-21 | FN | R | 2 |
| | | | EE210117 | Control System Design | 22-01-21 | AN | R | 1 |
| | | | EE210119 | Power Converters for Drives | 21-01-21 | FN | R | 3 |
| | | | EE220101 | Advanced Power System | 19-01-21 | AN | R | 5 |
| | | | EE220102 | Modern Power System Operation and Control | 22-01-21 | AN | R | 2 |
| | | | EE220111 | Non-Conventional Energy System | 20-01-21 | FN | R | 10 |
| | | | EE220114 | Flexible AC Transmission Systems | 18-01-21 | AN | R | 4 |

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|-----------|--------|-----|------------|------------------------------------|-----------|--------------|-----------|-------|
| Ph.D. | EEPH | 2 | EE220115 | Power Quality Management | 20-01-21 | AN | R | 5 |
| | | | EE220118 | Power System Protection | 21-01-21 | FN | R | 2 |
| | | | EE220123 | Digital Protection of Power System | 21-01-21 | AN | R | 2 |
| | | | EE220126 | Power Conversion Techniques | 19-01-21 | FN | R | 9 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 2 |
| | | 3 | EE220101 | Advanced Power System | 19-01-21 | AN | R | 1 |
| | | | EE220111 | Non-Conventional Energy System | 20-01-21 | FN | R | 4 |
| | | | EE220115 | Power Quality Management | 20-01-21 | AN | R | 2 |
| | | | EE220118 | Power System Protection | 21-01-21 | FN | R | 3 |
| | | | EE220126 | Power Conversion Techniques | 19-01-21 | FN | R | 3 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 1 |
| | | 4 | EE210112 | Advanced Industrial Control | 19-01-21 | AN | R | 1 |
| | | 5 | EE220126 | Power Conversion Techniques | 19-01-21 | FN | R | 1 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-------------------|----------|------------|--|-----------|--------------|-----------|------------|
| Ph.D. | EEPH Total | 5 | | | | | | 121 |
| Ph.D. | HSPH | 1 | PDHS0101 | Research Methodology | 18-01-21 | FN | R | 10 |
| | | | PDHS0105 | Human Resource Management | 20-01-21 | FN | R | 5 |
| | | | PDHS0106 | Industrial Relations and Labour Legislations | 19-01-21 | FN | R | 1 |
| | | | PDHS0110 | English Paper-4 | 19-01-21 | FN | R | 1 |
| | | | PDHS0111 | Advanced Microeconomics | 19-01-21 | AN | R | 2 |
| | | | PDHS0112 | Advanced Macroeconomics | 19-01-21 | FN | R | 2 |
| | | | PDHS0113 | Intellectual Property Rights | 20-01-21 | FN | R | 3 |
| | | | PDHS0114 | Indian Rural Development | 20-01-21 | AN | R | 8 |
| | | 2 | PDHS0213 | Intellectual Property Rights | 20-01-21 | FN | R | 3 |
| Ph.D. | HSPH Total | | | | | | | 35 |
| Ph.D. | MAPH | 1 | PDMA0106 | Probability Theory-I | 19-01-21 | FN | R | 1 |
| | | | PDMA0107 | Algebra-II | 19-01-21 | FN | R | 1 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-------------------|-----|------------|--|-----------|--------------|-----------|-----------|
| Ph.D. | MAPH | 1 | PDMA0114 | Statistical Simulation and Data Analysis | 19-01-21 | AN | R | 1 |
| | | | PDMA0116 | Computational Fluid Dynamics | 20-01-21 | AN | R | 3 |
| | | | PDMA0118 | Nonlinear Dynamical Systems | 19-01-21 | AN | R | 4 |
| | | | PDMA0121 | Sobolev Space & Distribution Theory | 19-01-21 | AN | R | 1 |
| | | | PDMA0122 | Numerics of Singularly Perturbed Differential Equation | 20-01-21 | FN | R | 6 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 6 |
| | | 2 | PDMA0106 | Probability Theory-I | 19-01-21 | FN | R | 1 |
| | | | PDMA0107 | Algebra-II | 19-01-21 | FN | R | 2 |
| | | | PDMA0114 | Statistical Simulation and Data Analysis | 19-01-21 | AN | R | 1 |
| | | | PDMA0121 | Sobolev Space & Distribution Theory | 19-01-21 | AN | R | 2 |
| Ph.D. | MAPH Total | | | | | | | 29 |
| Ph.D. | MEPH | 1 | ME340101 | Advanced Mechanical Engineering Design | 19-01-21 | FN | R | 3 |
| | | | ME340102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 3 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|--------|-----|------------|--------------------------------------|-----------|--------------|-----------|-------|
| Ph.D. | MEPH | 1 | ME340103 | Advanced Materials and Processing | 18-01-21 | AN | R | 10 |
| | | | ME340104 | Advances in Engineering optimization | 21-01-21 | AN | R | 2 |
| | | | ME340105 | Mechanical Behaviour of Materials | 19-01-21 | AN | R | 4 |
| | | | ME340107 | Finite Element Analysis | 20-01-21 | FN | R | 1 |
| | | | ME350101 | Modern Manufacturing Processes | 19-01-21 | FN | R | 5 |
| | | | ME350102 | Production Planning & Control | 19-01-21 | AN | R | 4 |
| | | | ME350103 | Project Management | 21-01-21 | FN | R | 13 |
| | | | ME350105 | Advances in Engineering optimization | 21-01-21 | AN | R | 12 |
| | | | ME350106 | Modeling & Simulation of System | 20-01-21 | AN | R | 7 |
| | | | ME350107 | Composite Materials and Processing | 20-01-21 | FN | R | 7 |
| | | | ME360101 | Advanced Thermodynamics | 19-01-21 | AN | R | 8 |
| | | | ME360102 | Advanced Heat & Mass Transfer | 19-01-21 | FN | R | 10 |
| | | | ME360103 | Computational Fluid Dynamics (CFD) | 20-01-21 | AN | R | 2 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | MEPH | 1 | ME360104 | Advances in Engineering optimization | 21-01-21 | AN | R | 1 |
| | | | ME360105 | Advanced IC Engines | 21-01-21 | AN | R | 5 |
| | | | ME360106 | Finite Element Analysis | 20-01-21 | FN | R | 2 |
| | | | ME360107 | Solar Energy | 22-01-21 | AN | R | 10 |
| | | | PDME0101 | Research Methodology | 18-01-21 | FN | R | 35 |
| | | 2 | ME340101 | Advanced Mechanical Engineering Design | 19-01-21 | FN | R | 1 |
| | | | ME340102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 1 |
| | | | ME340105 | Mechanical Behaviour of Materials | 19-01-21 | AN | R | 3 |
| | | | ME340107 | Finite Element Analysis | 20-01-21 | FN | R | 1 |
| | | | ME350101 | Modern Manufacturing Processes | 19-01-21 | FN | R | 2 |
| | | | ME350102 | Production Planning & Control | 19-01-21 | AN | R | 3 |
| | | | ME350103 | Project Management | 21-01-21 | FN | R | 9 |
| | | | ME350105 | Advances in Engineering optimization | 21-01-21 | AN | R | 4 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|--------|-----|------------|--|-----------|--------------|-----------|-------|
| Ph.D. | MEPH | 2 | ME350106 | Modeling & Simulation of System | 20-01-21 | AN | R | 7 |
| | | | ME350108 | Finite Element Analysis | 20-01-21 | FN | R | 2 |
| | | | ME360101 | Advanced Thermodynamics | 19-01-21 | AN | R | 1 |
| | | | ME360102 | Advanced Heat & Mass Transfer | 19-01-21 | FN | R | 4 |
| | | | ME360103 | Computational Fluid Dynamics (CFD) | 20-01-21 | AN | R | 3 |
| | | | ME360107 | Solar Energy | 22-01-21 | AN | R | 4 |
| | | 3 | ME340101 | Advanced Mechanical Engineering Design | 19-01-21 | FN | R | 2 |
| | | | ME340102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 2 |
| | | | ME340103 | Advanced Materials and Processing | 18-01-21 | AN | R | 1 |
| | | | ME340105 | Mechanical Behaviour of Materials | 19-01-21 | AN | R | 1 |
| | | | ME340107 | Finite Element Analysis | 20-01-21 | FN | R | 2 |
| | | | ME350101 | Modern Manufacturing Processes | 19-01-21 | FN | R | 1 |
| | | | ME350103 | Project Management | 21-01-21 | FN | R | 2 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|--------------------|-------------------|-----|------------|--|-----------|--------------|-----------|-------------|
| Ph.D. | MEPH | 3 | ME360101 | Advanced Thermodynamics | 19-01-21 | AN | R | 1 |
| | | | ME360102 | Advanced Heat & Mass Transfer | 19-01-21 | FN | R | 1 |
| | | | ME360103 | Computational Fluid Dynamics (CFD) | 20-01-21 | AN | R | 1 |
| | | | ME360106 | Finite Element Analysis | 20-01-21 | FN | R | 1 |
| Ph.D. | MEPH Total | | | | | | | 204 |
| Ph.D. | PHPH | 1 | PDME0101 | Research Methodology | 18-01-21 | FN | R | 4 |
| | | | PDPH0104 | Spectroscopic Tools | 19-01-21 | AN | R | 4 |
| | | | PDPH0106 | Synthesis and Characterization of Functional Materials | 20-01-21 | FN | R | 4 |
| | | | PDPH0107 | Material Science and Technology | 19-01-21 | FN | R | 4 |
| | PHPH Total | | | | | | | 16 |
| Ph.D. Total | | | | | | | | 1171 |
| PG | M.ARCH | 1 | AR430102 | Contemporary Architecture Theories and Trends | 19-01-21 | AN | R | 5 |
| | | | AR430103 | Building Science and Sustainability | 19-01-21 | FN | R | 5 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|--------------|-----|------------|-------------------------------------|-----------|--------------|-----------|-------|
| PG | M.ARCH | 1 | AR430104 | Assessment of Built Environment | 21-01-21 | AN | R | 5 |
| | | | AR430153 | Ecology and Sustainable Development | 20-01-21 | FN | R | 5 |
| | | | MA430103 | Statistics and Computer Programming | 21-01-21 | FN | R | 5 |
| PG | M.ARCH Total | | | | | | | 25 |
| PG | M.tech-CE | 1 | 1CE632 | Pavement Analysis and Design | 19-01-21 | AN | N | 1 |
| | | | 1CE642 | Traffic Flow Theory | 20-01-21 | AN | N | 1 |
| | | | 1CE644 | Pavement Materials | 19-01-21 | FN | N | 1 |
| | | | 1CE661 | Advanced Hydraulics | 19-01-21 | FN | N | 1 |
| | | | 1CE702 | Water and Wastewater Treatment | 19-01-21 | FN | N | 2 |
| | | | 1CE716 | Environmental Fluid Mechanics | 20-01-21 | FN | N | 2 |
| | | | CE230101 | Advanced Structural Analysis | 22-01-21 | AN | R | 23 |
| | | | CE230102 | Theory of Elasticity and Plasticity | 21-01-21 | AN | R | 23 |
| | | | CE230108 | Prestressed Concrete Structures | 21-01-21 | FN | R | 10 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-----------|-----|------------|--|-----------|--------------|-----------|-------|
| PG | M.tech-CE | 1 | CE230110 | Mechanics of Composite Materials | 20-01-21 | AN | R | 4 |
| | | | CE230112 | Earthquake Resistant Design of Structures | 19-01-21 | FN | R | 23 |
| | | | CE230115 | Optimization Techniques in Civil Engineering | 20-01-21 | FN | R | 37 |
| | | | CE230117 | Advanced Design of Concrete Structures | 19-01-21 | AN | R | 13 |
| | | | CE240101 | Transportation Planning | 21-01-21 | FN | R | 20 |
| | | | CE240102 | Pavement Materials | 19-01-21 | FN | R | 20 |
| | | | CE240108 | Remote Sensing & GIS and their Applications | 18-01-21 | AN | R | 2 |
| | | | CE240110 | Advanced Highway Design | 19-01-21 | AN | R | 8 |
| | | | CE240111 | Traffic Flow Theory | 20-01-21 | AN | R | 3 |
| | | | CE240113 | Rural Roads Planning and Design | 20-01-21 | AN | R | 17 |
| | | | CE250101 | Advanced Hydrology | 19-01-21 | AN | R | 19 |
| | | | CE250102 | Advanced Hydraulics | 19-01-21 | FN | R | 19 |
| | | | CE250107 | Irrigation Water Management | 21-01-21 | AN | R | 18 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-----------|-----|------------|--|-----------|--------------|-----------|-------|
| PG | M.tech-CE | 1 | CE250108 | Remote Sensing and GIS for Water Resources | 18-01-21 | AN | R | 18 |
| | | | CE250110 | Disaster Management | 20-01-21 | AN | R | 5 |
| | | | CE250111 | Water Harvesting and Groundwater Recharge | 21-01-21 | FN | R | 1 |
| | | | CE250114 | Open Channel Flow | 20-01-21 | AN | R | 14 |
| | | | CE310101 | Physicochemical Processes for Water and Wastewater Treatment | 21-01-21 | FN | R | 21 |
| | | | CE310102 | Biological Processes for Water and Wastewater Treatment | 19-01-21 | FN | R | 21 |
| | | | CE310111 | Air and Noise Pollution | 19-01-21 | AN | R | 19 |
| | | | CE310112 | Environmental Chemistry and Microbiology | 19-01-21 | AN | R | 2 |
| | | | CE310113 | Environmental Fluid Mechanics | 20-01-21 | FN | R | 22 |
| | | | CE310115 | Environmental Impact Assessment and Mitigation | 20-01-21 | AN | R | 21 |
| | | | CE330101 | Advanced Foundation Engineering | 21-01-21 | FN | R | 20 |
| | | | CE330102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 20 |
| | | | CE330107 | Earth Pressure & Retaining Structures | 19-01-21 | FN | R | 12 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|------------------------|-----|------------|---|-----------|--------------|-----------|------------|
| PG | M.tech-CE | 1 | CE330108 | Ground Improvement Techniques | 19-01-21 | AN | R | 20 |
| | | | CE330109 | Advanced Soil Mechanics | 20-01-21 | FN | R | 15 |
| | | | CE330110 | Geo-Environmental Engineering | 22-01-21 | AN | R | 3 |
| | | | CE330111 | Critical State Soil Mechanics | 19-01-21 | AN | R | 5 |
| | | | CE330112 | Geotechnical Investigations | 22-01-21 | AN | R | 1 |
| | | | | Geotechnical Investigations | 22-01-21 | AN | R | 16 |
| PG | M.tech-CE Total | | | | | | | 523 |
| PG | M.tech-CSE | 1 | CS410101 | Advanced Algorithms | 21-01-21 | FN | R | 19 |
| | | | CS410102 | Mathematical Foundations for Information Security | 20-01-21 | FN | R | 19 |
| | | | CS410103 | Cryptography | 20-01-21 | AN | R | 19 |
| | | | CS410109 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 19 |
| | | | CS410160 | Machine Learning Algorithms | 19-01-21 | FN | R | 19 |
| | | | CS420101 | Advanced Algorithms | 21-01-21 | FN | R | 21 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|---------------------|-----|------------|---|-----------|--------------|-----------|-------|
| PG | M.tech-CSE | 1 | CS420102 | Mathematical Foundation in Computer Science | 20-01-21 | FN | R | 21 |
| | | | CS420103 | Advanced Computer Networks | 20-01-21 | AN | R | 21 |
| | | | CS420111 | Advanced Wireless Sensor Networks | 19-01-21 | AN | R | 21 |
| | | | CS420166 | Distributed System Design | 22-01-21 | AN | R | 21 |
| PG | M.tech-CSE Total | | | | | | | 200 |
| PG | M.tech-ECE | 1 | EC290101 | Probability, Random Variable and Stochastic Process | 20-01-21 | FN | R | 11 |
| | | | EC290102 | Data Communication and Networks | 19-01-21 | AN | R | 11 |
| | | | EC290111 | Satellite Communication | 21-01-21 | FN | R | 11 |
| | | | EC290112 | Error Control Coding | 19-01-21 | FN | R | 11 |
| | | | EC290113 | Advanced Antenna Engineering | 20-01-21 | AN | R | 11 |
| | | | EC400101 | Digital Integrated Circuits | 18-01-21 | AN | R | 18 |
| | | | EC400102 | MOS Device Physics and Modeling | 21-01-21 | FN | R | 18 |
| | | | EC400111 | Low Power VLSI Design | 20-01-21 | AN | R | 18 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|---------------------|-----|------------|---|-----------|--------------|-----------|-------|
| PG | M.tech-ECE | 1 | EC400112 | RF IC Design | 21-01-21 | AN | R | 18 |
| | | | EC400113 | Organic Electronics | 22-01-21 | AN | R | 18 |
| PG | M.tech-ECE Total | | | | | | | 145 |
| PG | M.tech-EE | 1 | EE210101 | Non-Linear Control System | 19-01-21 | FN | R | 20 |
| | | | EE210102 | Advanced Instrumentation | 20-01-21 | FN | R | 20 |
| | | | EE210112 | Advanced Industrial Control | 19-01-21 | AN | R | 7 |
| | | | EE210113 | Process Modeling and Identification | 20-01-21 | AN | R | 12 |
| | | | EE210117 | Control System Design | 22-01-21 | AN | R | 8 |
| | | | EE210119 | Power Converters for Drives | 21-01-21 | FN | R | 13 |
| | | | EE210121 | Virtual Instrumentation Using Labview | 18-01-21 | AN | R | 9 |
| | | | EE210156 | SCADA and Energy Management | 21-01-21 | AN | R | 11 |
| | | | EE220101 | Advanced Power System | 19-01-21 | AN | R | 22 |
| | | | EE220102 | Modern Power System Operation and Control | 22-01-21 | AN | R | 22 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-----------------|-----|------------|--|-----------|--------------|-----------|-------|
| PG | M.tech-EE | 1 | EE220111 | Non-Conventional Energy System | 20-01-21 | FN | R | 11 |
| | | | EE220114 | Flexible AC Transmission Systems | 18-01-21 | AN | R | 11 |
| | | | EE220115 | Power Quality Management | 20-01-21 | AN | R | 11 |
| | | | EE220118 | Power System Protection | 21-01-21 | FN | R | 11 |
| | | | EE220123 | Digital Protection of Power System | 21-01-21 | AN | R | 11 |
| | | | EE220126 | Power Conversion Techniques | 19-01-21 | FN | R | 11 |
| PG | M.tech-EE Total | | | | | | | 210 |
| PG | M.tech-ME | 1 | ME340101 | Advanced Mechanical Engineering Design | 19-01-21 | FN | R | 20 |
| | | | ME340102 | Advanced Mechanics of Solids | 20-01-21 | AN | R | 20 |
| | | | ME340103 | Advanced Materials and Processing | 18-01-21 | AN | R | 20 |
| | | | ME340104 | Advances in Engineering optimization | 21-01-21 | AN | R | 4 |
| | | | ME340105 | Mechanical Behaviour of Materials | 19-01-21 | AN | R | 16 |
| | | | ME340106 | Pressure Vessel and Piping Design | 20-01-21 | FN | R | 12 |

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| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-----------|-----------|-----|------------|--------------------------------------|-----------|--------------|-----------|-------|
| PG | M.tech-ME | 1 | ME340107 | Finite Element Analysis | 20-01-21 | FN | R | 8 |
| | | | ME350101 | Modern Manufacturing Processes | 19-01-21 | FN | R | 16 |
| | | | ME350102 | Production Planning & Control | 19-01-21 | AN | R | 16 |
| | | | ME350103 | Project Management | 21-01-21 | FN | R | 16 |
| | | | ME350105 | Advances in Engineering optimization | 21-01-21 | AN | R | 8 |
| | | | ME350106 | Modeling & Simulation of System | 20-01-21 | AN | R | 8 |
| | | | ME350107 | Composite Materials and Processing | 20-01-21 | FN | R | 12 |
| | | | ME350108 | Finite Element Analysis | 20-01-21 | FN | R | 4 |
| | | | ME360101 | Advanced Thermodynamics | 19-01-21 | AN | R | 21 |
| | | | ME360102 | Advanced Heat & Mass Transfer | 19-01-21 | FN | R | 21 |
| | | | ME360103 | Computational Fluid Dynamics (CFD) | 20-01-21 | AN | R | 21 |
| | | | ME360104 | Advances in Engineering optimization | 21-01-21 | AN | R | 6 |
| | | | ME360105 | Advanced IC Engines | 21-01-21 | AN | R | 15 |

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Time for uploading of scanned answer sheet on MS team for FN: 12:00 Noon to 12:30 PM & AN: 04:00 PM to 04:30 PM

| Programme | Branch | Sem | Paper Code | Paper Name | Exam Date | Exam Session | Exam Type | Total |
|-------------|--------------------|-----|------------|-------------------------------------|-----------|--------------|-----------|-------|
| PG | M.tech-ME | 1 | ME360106 | Finite Element Analysis | 20-01-21 | FN | R | 4 |
| | | | ME360107 | Solar Energy | 22-01-21 | AN | R | 17 |
| PG | M.tech-ME Total | | | | | | | 285 |
| PG | MURP | 1 | AR300101 | Planning Principles & Techniques | 20-01-21 | AN | R | 13 |
| | | | AR300102 | Infrastructure Planning | 19-01-21 | AN | R | 13 |
| | | | AR300105 | Traffic & Transportation Planning | 20-01-21 | FN | R | 13 |
| | | | AR300150 | Regional Analysis and Programming | 19-01-21 | FN | R | 13 |
| | | | MA300103 | Statistics and Computer Programming | 21-01-21 | FN | R | 13 |
| | MURP Total | | | | | | | 65 |
| PG Total | | | | | | | | 1453 |
| Grand Total | | | | | | | | 2624 |