

# National Institute of Technology Hamirpur (HP)

Date Sheet of M. Tech. 1st Year, 2nd Semester

[End Semester Examination, May 2021]

Sessions and Timing: B: 02:00 PM to 04:00 PM

## Civil Engineering

Date (Session)		Water Resource Engineering	Geotechnical Engineering	Structural Engineering	Transportation Engineering	Environmental Engineering
11-05-2021	B	CE-621 Water Resources Planning & Management	CE-641 Underground excavation in rocks	CE-661 Reliability based Structural Design	CE-681 Highway Construction & Maintenance	CE-601 Solid & Hazardous Waste Management
13-05-2021	B	CE-622 Groundwater Engineering	CE-642 Machine Foundation	CE-662 Earthquake Engineering	CE-682 Urban Transportation System Planning	CE-602 Advanced Wastewater Treatment
15-05-2021	B	CE-623 River Mechanics and Sediment Transport	CE-643 Exploration and Field Testing	CE-663 Bridge Engineering	CE-683 Geometric Design of Transport Facilities	CE-603 Microbiology and Ecology
18-05-2021	B	CE-722 Environmental Hydrology	CE-745 Reinforced soil structures	CE-724 Finite Element Method	CE-724 Finite Element Method	CE-722 Environmental Hydrology
20-05-2021	B	CE-728 Project Planning and Scheduling	CE-723 Disaster Management	CE-766 High Rise Building	CE-728 Project Planning and Scheduling	CE-723 Disaster Management

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## Electrical Engineering

Date (Session)		Power System	Condition Monitoring P & C of Electrical Apparatus	Signal Processing & Control
11-05-2021	B	EE-621 Power Generation Operation & Control	EE-661 Power Transformer Design	EE-641 Statistical Signal Analysis
13-05-2021	B	EE-622 Power Systems Restructuring and Deregulation	EE-662 Condition Monitoring of Power Apparatus	EE-642 Adaptive Signal Analysis
15-05-2021	B	EE-623 FACTS Devices & Power Transmission	EE-663 Advanced Power System Protection	EE-643 Optimal Control Theory &
18-05-2021	B	EE-761 Solid State Devices & Converters		EE-745 Microprocessor Based Instrumentation System Design
20-05-2021	B	EE-726 Distributed Generation & Micro Grid		EE-741 Advanced Process Control

  
07.05.2021

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## Mechanical Engineering

Date (Session)		Thermal Engg. (Comp. Fluid Dyn. & Heat Transfer )	Design Engineering	Manufacturing Engineering	Energy Technology
11-05-2021	B	ME-621 Computational Fluid Dynamics and Heat Transfer	ME-641 Modal Analysis and Dynamic Design	ME-661 Machining Science and Technology	ME-681 Wind & Small Hydro Energy Systems
13-05-2021	B	ME-622 Design of Thermal Systems	ME-718 Rapid Product Development	ME-662 Mechatronics and Robotics	EE-682 Grid integration of Renewable Energy
15-05-2021	B	ME-743 Design of Air Conditioning System	ME-643 Tribological System Design	ME-663 Quality System and Reliability	ME-683 Bio-Energy Technology & Systems
18-05-2021	B	ME-623 Convective Heat Transfer	ME-713 Vibrations and Noise Control	ME-733 Finite Elements in Engineering	ME-782 Energy Conservation & Waste Heat
20-05-2021	B	ME-744 Exergy Analysis of Thermal Systems	ME-642 Design Against Fatigue and Fracture	ME-738 Manufacturing of Non- Metallic Products	ME-787 Energy Storage Systems

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## Electronics and Communication Engineering

Date (Session)		VLSI Design Automation & Techniques	Communication Systems & Networks
11-05-2021	B	EC-641 Digital VLSI Design	EC-622 Modeling and Simulation of Communication System and Networks
13-05-2021	B	EC-642 Digital ASIC Processing	EC-621 Digital Signal Processing
15-05-2021	B	EC-643 Analog VLSI Design	EC-709 Electromagnetic Interference & Compatibility
18-05-2021	B	EC-739 Low Power VLSI Design	EC-623 Broadband Wireless Technologies
20-05-2021	B	EC-744 Hardware Algorithms for VLSI (Elective-IV)	EC-714 Digital Image Processing and Pattern Recognition (Elective-IV)

02-05-2021

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## Computer Science & Engineering

Date (Session)		Computer Science & Engineering	Computer Science & Engineering (Artificial Intelligence)
11-05-2021	B	CS-621 Advance Algorithm	CS-661 Deep Learning
13-05-2021	B	CS-622 Advanced Operating System	CS-662 Big Data Information
15-05-2021	B	CS-623 Advances in DBMS	CS-663 Speech Information Processing
18-05-2021	B	Programme Elective-III CS-732 Performance Evaluation of Computer System	Programme Elective-III CS-739 Evolutionary Computing
20-05-2021	B	Programme Elective-IV CS-741 Cryptography and Computer Security	Programme Elective-IV CS-746 Cryptography and Computer Security Analytics

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[End Semester Examination, May 2021]

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## Chemical Engineering

Date (Session)		Chemical Engineering
11-05-2021	B	CH-621 Chemical Reactor Analysis and Design
13-05-2021	B	CH-622 Advanced Process Control
15-05-2021	B	CH-623 Thermodynamics of Phase and Chemical Equilibria
18-05-2021	B	(Elective-III) CH-721 Process Optimization
20-05-2021	B	(Elective-IV) CH-728 Computational Fluid Dynamics

  
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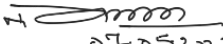
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## Material Science & Engineering

Date (Session)		Material Science & Engineering
11-05-2021	B	MS-621 Science & Technology of Thin Films
13-05-2021	B	MS-622 Electrical and Electronic Properties of Materials
15-05-2021	B	MS-623 Phase Transformations in Materials
18-05-2021	B	MS-706 Nano-structure & Technology
20-05-2021	B	MS-708 Semiconductor Devices & Technology

  
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