

National Institute of Technology Hamirpur (HP)-177 005

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

[Mid Semester Examination, March 2022]

Sessions and Timing: A: 09.00 AM to 10.30 AM

Civil Engineering

Date (Session)		Water Resource Engineering	Geotechnical Engineering	Structural Engineering	Transportation Engineering	Environmental Engineering
21-03-2022	A	CE-621 Water Resources Planning & Management	CE-641 Underground excavation in rocks	CE-661 Reliability based Structural Design	CE-681 Highway Construction & Maintenance	CE-602 Advanced Wastewater Treatment
22-03-2022	A	CE-622 Groundwater Engineering	CE-642 Machine Foundation	CE-662 Earthquake Engineering	CE-682 Urban Transportation System Planning	CE-603 Microbiology and Ecology
23-03-2022	A	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-601 Solid & Hazardous Waste Management
24-03-2022	A	CE-722 Environmental Hydrology	CE-745 Reinforced Soil Structures	CE-724 Finite Element Method	CE-724 Finite Element Method	CE-722 Environmental Hydrology
25-03-2022	A	CE-728 Project Planning and Scheduling	CE-742 Design of Substructures	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 & Power Apparatus	Signal Processing & Control
21-03-2022	A	EE-621 Power Generation Operation & Control	EE-661 Power Transformer Design	EE-641 Statistical Signal Analysis
22-03-2022	A	EE-622 Power Systems Restructuring and Deregulation	EE-662 Condition Monitoring of Power Apparatus	EE-642 Adaptive Signal Analysis
23-03-2022	A	EE-623 FACTS Devices & Power Transmission	EE-663 Advanced Power System Protection	EE-643 Optimal Control Theory & Design
24-03-2022	A	EE-761 Solid State Devices & Converters		EE-745 Microprocessor Based Instrumentation system Design
25-03-2022	A	EE-726 Distributed Generation & Micro Grid		EE-741 Advanced Process Control



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Mechanical Engineering

Date (Session)		Thermal Engg. (Comp. Fluid Dyn. & Heat Transfer)	Design Engineering	Manufacturing Engineering	Energy Technology
21-03-2022	A	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
22-03-2022	A	ME-622 Design of Thermal Systems	ME-718 Rapid Product Development	ME-662 Mechatronics and Robotics	EE-682 Grid integration of Renewable Energy
23-03-2022 Programme Elective-III	A	ME-743 Design of Air Conditioning System	ME-643 Tribological System Design	ME-663 Quality System and Reliability Engg.	ME-683 Bio-Energy Technology & Systems
24-03-2022	A	ME-623 Convective Heat Transfer	ME-713 Vibrations and Noise Control	ME-732 Soft Computing Methods in Engineering	ME-782 Energy Conservation & Waste Heat
25-03-2022 Programme Elective-IV	A	ME-745 Design and Analysis of Solar Energy Systems	ME-642 Design Against Fatigue and Fracture	ME-737 Laser Material Processing	ME-787 Energy Storage Systems

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Electronics and Communication Engineering

Date (Session)		VLSI Design Automation & Techniques	Communication Systems & Networks
21-03-2022	A	EC-641 Digital VLSI Design	EC-621 Digital Signal Processing
22-03-2022	A	EC-642 Digital ASIC Processing	EC-622 Modeling and Simulation of Communication System and Networks
23-03-2022	A	EC-643 Analog VLSI Design	EC-623 Broadband Wireless Technologies
24-03-2022 Elective- III	A	EC-739 Low Power VLSI Design	EC-710 RF and Microwave Circuit Design
25-03-2022 Elective-IV	A	EC-744 Hardware Algorithms for VLSI	EC-714 Digital Image Processing and Patter Recognition

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Computer Science & Engineering

Date (Session)		Computer Science & Engineering	Computer Science & Engineering (ARTIFICIAL INTELLIGENCE)
21-03-2022	A	CS-621 Advanced Algorithm	CS-661 Deep Learning
22-03-2022	A	CS-623 Advances in DBMS	CS-662 Big Data Analytics
23-03-2022	A	CS-732 Performance Evaluation of Computer System	CS-663 Speech Information Processing
24-03-2022 Elective-III	A	CS-622 Advanced Operating System	CS-736 Computer Vision
25-03-2022 Elective-IV	A	CS-741 Cryptography and Computer Security	CS-749 Internet of Things



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Chemical Engineering

Date (Session)		Chemical Engineering
21-03-2022	A	CH-621 Chemical Reactor Analysis and Design
22-03-2022	A	CH-622 Advanced Process Control
23-03-2022	A	CH-623 Thermodynamics of Phase and Chemical Equilibria
24-03-2022 Elective-III	A	CH-721 Process Optimization
25-03-2022 Elective-IV	A	CH-728 Computational Fluid Dynamics



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Architecture

Date (Session)		Sustainable Architecture
21-03-2022	A	AR-621 Landscape Architecture (Theory)
22-03-2022	A	AR-622 Urban Design (Theory)
23-03-2022	A	AR-623 Energy Efficient Architecture (Theory)
24-03-2022	A	AR 721 GIS Applications in Architecture (Theory)
25-03-2022	A	AR-725 Urban & Regional Planning (Theory)

