



राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर
हमीरपुर (हि.प्र.) 177 005 (भारत)

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
HAMIRPUR (H.P.) - 177 005 (INDIA)



{Office of Dean (Academic)}

No. NIT/HMR/ Acad / Exam-03/ Val-19 /2025/ 914-925

Dated: 03/2/25

To,

All HODs,
Teaching Departments/Centers,
NIT Hamirpur (HP).

Subject: Mid Semester Theory Examination Date Sheet February-March 2025 and General Instructions for B. Tech., Dual Degree & B.Arch.

Sir/madam

Please find attached **Mid Semester Theory Examination Date Sheet February-March 2025** and General Instructions for B. Tech., Dual Degree & B.Arch. which are scheduled to be held w.e.f. **24/02/2025** to **02/03/2025** as per academic calendar is sent herewith for your information and necessary action, please.

Although utmost care has been taken to avoid any clash of examination schedule if any such case is observed, that may be resolved at department level with duly intimation to the undersigned.

Encl:

1. Mid Semester Theory Examination Date Sheet February-March 2025 and General Instructions

Associate Dean (E&E)

Copy To:

1. Director NIT Hamirpur for kind information please
2. Registrar NIT Hamirpur for kind information please
3. Dean Academic NIT Hamirpur for information.
4. HODs for necessary action.
5. FI(CC) for uploading date sheet along with general instructions on Institute website.
6. FI (Examination) for information and necessary action please.
7. FI (Security) for providing security during the examination schedule.
8. Assistant Registrar (Academic) for information and necessary action.
9. Dealing Assistant (Exam./Result) for record and necessary action.

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Computer Science & Engineering

Date	2 nd Year 4 th Semester (B Tech & DD) Session: (B)	3 rd Year 6 th Semester (B Tech & DD) Session: (C)	4 th Year 8 th Semester (B Tech)Session: (D)	4 th Year 8 th Semester (DD) Session : (D)
24/02/2025	CS-221 Microprocessor & Interfacing	CS-321 Distributed Systems	CS-421 Dataware Housing and Data Mining	CS-421 Dataware Housing and Data Mining
25/02/2025	CS-222 Operating Systems	CS-322 Software Engineering	CS-422 Information Security	CS-422 Information Security
27/02/2025	CS-223 Computer Organization and Architecture	CS-323 Digital Image Processing	PE – III (CS-442 Natural Language Processing/ CS-440 Information Retrieval)	PG E – III (CS-733 Embedded Systems)
28/02/2025	CS-224 Theory of Computation	CS-324 Computer Networks	PE – IV (CS-461 Cloud Computing)	PG E – IV (CS-741 Intrusion Detection Systems)
01/03/2025	Discipline Elective – I (CS-241 Data Communication/ CS-242 Optimization Techniques/ CS-243 Simulation & Modelling)	Open Elective		CS-623 Advances in DBMS
02/03/2025				CS-661 Deep Learning

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th ,6th & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Electronics & Communication Engineering

Date	2 nd Year 4 th Semester (BTech & DD) Session: (B)	3 rd Year 6 th Semester (BTech & DD) Session: (C)	4 th Year 8 th Semester (B Tech) Session: (D)	4 th Year 8 th Semester (DD) Session: (D)
24/02/2025	EC-221 Linear Integrated Circuits	EC-321 Microcontroller & Embedded Systems	HS-404 Engineering Economics and Accountancy	HS-404 Engineering Economics and Accountancy
25/02/2025	EC-222 Analog Communication Systems	EC-322 Wireless Communication	EC-421 Data Communication and Computer Networks	EC-421 Data Communication and Computer Networks
27/02/2025	EC-223 Microprocessors and Microcontrollers	EC-323 VLSI Design Techniques	PE-III (EC-440 Spread Spectrum and CDMA/ EC-444 Information Theory and Coding)	PG E – III (EC-440 Spread Spectrum and CDMA/ EC-444 Information Theory and Coding)
28/02/2025	EC-224 Electromagnetic Field Theory	EC-324 Antenna and Wave Propagation	PE-IV (EC-461 Low Power VLSI Design Techniques/ EC-462 VLSI Testing)	PG E – IV (EC-461 Low Power VLSI Design Techniques/ EC-462 VLSI Testing)
01/03/2025	Discipline Elective –I (EC-241 Electronic Device Modeling)	Open Elective		EC-622# Modeling and Simulations of Communication System
02/03/2025				EC – 642# Analog VLSI Design

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Chemical Engineering

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	CH-221 Heat Transfer	CH-321 Mass Transfer-II	HS-404 Engineering Economics and Accountancy
25/02/2025	CH-222 Chemical Engineering Thermodynamics-II	CH-322 Chemical Reaction Engineering-II	CH-421 Industrial Safety and Hazard Management
27/02/2025	CH-223 Process Equipment Design-I	CH-323 Process Equipment Design-II	PE-III (CH-440 Biochemical Engineering/ CH-443 Novel Separation Processes)
28/02/2025	CH-224 Chemical Technology	CH-324 Process Modeling and Simulation	PE-IV (CH-460 Polymer Science and Engineering/ CH-463 Heterogeneous Catalysis and Catalytic Processes)
01/03/2025	Discipline Elective –I (CH-244 Energy Resources & Utilization/ CH-241 Solid Waste Management)	Open Elective	

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th, & 8th Semester)

[Mid Semester Theory Examination, February – March 2025]

Branch: Material Science Engineering

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	MS-221 Composite Materials	MS-321 Non-Destructive Testing of Materials	HS-404 Engineering Economics and Accountancy
25/02/2025	MS-222 Phase Transformation	MS-322 Tribology of Engineering Materials	MS-421 Failure Analysis of Materials
27/02/2025	MS-223 Materials Processing Techniques	MS-323 Non-Ferrous Extractive Metallurgy	PE-III (MS-441 Surface Science and Engineering)
28/02/2025	MS-224 Heat Treatment	MS-324 Computational Materials Science	PE-IV (MS-460 Nanomaterials and Applications)
01/03/2025	Discipline Elective –I (MS-241 Electronics, Magnetic and Optical Properties of Materials)	Open Elective	

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Date Sheet (4th , 6th , & 8th Semester)

[Mid Semester Theory Examination, February – March 2025]

Branch: Civil Engineering

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	CE-221 Indeterminate Structures	CE-321 Steel Structure	CE-421 Restressed Concrete
25/02/2025	CE-222 Water Resource Engineering - I	CE-322 Water Resource Engineering-II	CE-422 Quantity Surveying
27/02/2025	CE-223 Soil Mechanics	CE-323 Railway and Airports	PE-III (CE-441 Ground Improvement Techniques)
28/02/2025	CE-224 Building Materials and Construction	CE-324 Waste Water Treatment and management	PE-IV (CE-460 Solid waste management)
01/03/2025	Discipline Elective –I (CE-241 Concrete Technology/ CE-242 Remote Sensing)	Open Elective	

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Date Sheet (4th, 6th, & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Mechanical Engineering

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	ME-221 Kinematics of Machines	ME-321 Machine Design-II	HS-404 Engineering Economics & Accountancy
25/02/2025	ME-222 Fluid Mechanics	ME-322 Manufacturing Science and Technology-II	ME-421 Computer Aided Manufacturing
27/02/2025	ME-223 Manufacturing Processes-II	ME-323 Thermal Power Engineering-II	PE-III (ME-442 Supply Chain Management/ ME-445 Additive Manufacturing Technology)
28/02/2025	ME-224 Industrial Engineering	ME-324 Automobile Engineering	PE-IV (ME-461 Renewable Sources of Energy/ ME-462 Exergy Analysis of Thermal Systems)
01/03/2025	Discipline Elective-I (ME-241 Advanced Machining Processes/ ME-242 Thermal Engineering/ ME-244 Fundamentals of Acoustics)	Open Elective	

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th, & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Electrical Engineering

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	EE-221 Transformers and DC Machines	EE-321 Control Engineering	EE-421 High Voltage Engineering
25/02/2025	EE-222 Elements of Power Systems	EE-322 Power System Analysis	EE-422 Communication Systems
27/02/2025	EE-223 Microprocessors & Microcontrollers	EE-323 Digital Signal Processing	PE-III (EE-441 Reactive Power Control and FACTS Devices/ EE-442 Deregulation of Power System
28/02/2025	EE-224 Power Electronics	EE-324 Electric Drives	PE-IV (EE-460 Transformer Engineering/ EE-463 Electrical Machine Design)
01/03/2025	Discipline Elective –I (EE-241 Neural Networks and Fuzzy Logic/ EE-244 Optimization Techniques)	Open Elective	

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Mathematics & Scientific Computing

Date	2 nd Year 4 th Semester (B.Tech.) Session: (B)	3 rd Year 6 th Semester (B.Tech.) Session: (C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	MA-221 Linear Algebra and Application	MA-321 Real and Complex Analysis	MA-421 Artificial Intelligence
25/02/2025	MA-222 Real and Complex Analysis	MA-322 Advanced Differential Equations and Applications	MA-422 Multivariate Statistical Analysis
27/02/2025	MA-223 Object Oriented Programming	MA-323 Time Series Analysis and Forecasting	PE – III (MA-440 Mathematical Foundations for Machine Learning/ MA-444 Computer Networks)
28/02/2025	MA-224 Applied Statistics and Statistical Inference	MA-324 Soft computing	PE – IV (MA-462 Data Science and Big Data Analytics/ MA-463 Software Engineering)
01/03/2025	Discipline Elective –I (MA-241 Integral Transform and Applications/ MA-242 Mathematical Modeling and Simulation)	Open Elective	

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Date Sheet (4th, 6th & 8th Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: Physics & Photonics Science

Date	2 nd Year 4 th Semester (B.Tech.) Session:(B)	3 rd Year 6 th Semester (B.Tech.) Session:(C)	4 th Year 8 th Semester (B. Tech.) Session: (D)
24/02/2025	PH - 221 Numerical Analysis and Computational Physics	PH-321 Fundamentals of Semiconductor Devices	HS-404 Engineering Economics & Accountancy
25/02/2025	PH - 222 Atomic and Molecular Spectroscopy	PH-322 Analog & Digital Electronics	PH-421 Microprocessor and Peripheral Devices
27/02/2025	PH - 223 Classical M echanics	PH-323 Lasers and Photonics	PE-III (PH-442 Thin Film Technology)
28/02/2025	PH - 224 Heat and Thermodynamics	PH-324 Measurements and Instrumentation	PE-IV (PH-460 Functional Nanomaterials)
01/03/2025	Discipline Elective –I (PH-241 Machine Learning/ PH-242 High Energy Physics/ PH-243 Astrophysics)	Open Elective	

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (4th, 6th & 10th Semester)

[Mid Semester Theory Examination, February - March 2025]

Department of Architecture

Date	2 nd Year 4 th Semester (B Arch) Session: B	3 rd Year 6 th Semester (B Arch) Session: C	5 th Year 10 th Semester (B Arch) Session: D
24/02/2025	CE-228 Design of RCC Structures	AR-323 Building Services-III	AR-522 Professional Practice
25/02/2025	AR-223 Building Services-I	AR-324 Hill Architecture	AR-523 Research Methodology
27/02/2025		AR-325 Theory of Design	AR-524 Project Management
01/03/2025		Open Elective	

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List of Rooms Allocated for 4th, 6th, 8th, 10th Semester [Mid Semester Theory Examination, February - March 2025] (Except Examination for Open Elective courses)

S. No.	Branch	Room Allocated	Seating Capacity (No. of Students in a Row × Total No of Rows in the Room)
1	Architecture	Studio - I & II	60 & 60
2	Civil Engineering	G1 & G3	91(13×7) & 32(8 ×4)
3	Computer Science & Engineering (B.Tech. & DD)	S1, S2 & S3	91(13×7), 91(13×7) & 32(8 ×4)
4	Chemical Engineering	S4, S5 & S6	32(8 ×4), 32(8 ×4) & 32(8 ×4)
5	Electrical Engineering	B2 & B3	91(13×7) & 32(8 ×4)
6	Electronics & Communication Engineering (B.Tech. & DD)	F1, F2 & F3	91(13×7), 91(13×7) & 32(8 ×4)
7	Mechanical Engineering	G2 & G4	91(13×7) & 32(8 ×4)
8	Mathematics & Scientific Computing	B4 & B5	32(8 ×4) & 32(8 ×4)
9	Material Science Engineering	F4	32(8 ×4)
10	Physics & Photonics Science	F5 & F6	32(8 ×4) & 32(8 ×4)

- Examination (except 5th semester open elective courses) for Students suffering from infectious diseases (who are willing to appear in the examination) will be conducted in isolation in Room No. G – 5.
- Examination for Physically challenged students (who are using scribe for writing answer sheet) will be conducted in Room No. G - 6.

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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List of Open Electives for 6th Semester and Rooms Allocated

[Mid Semester Theory Examination, February - March 2025]

Date of Examination: 01-03-2025, Session: C (01.30 PM- 3.00 PM)

S. No.	Subject Code & Name of Subject	Strength of Students	Rooms Allocated	Seating capacity
1	CY-306 Bionanotechnology	100	S1 & S3	123
2	CE-307 Disaster Management	100	S2 & S4	123
3	CH-306 Energy and Environmental Engineering	100	F1 & F3	123
4	CS-306 Data Structures	38	S5 & S6	64
5	EC-380 Microcontroller and its Applications	27	G6	32
6	EE-380 Sensors and Transducers	11	F2 & F4	123
7	EE-381 Non-Conventional Energy Resources	100		
8	MA-380 Principles of Design of Experiments	43	F5 & F6	64
9	MA-381 Numerical Methods for Partial Differential Equations	86	B4, B5 & G5	96
10	ME-381 Total Quality Management	100	G1 & G3	123
11	MS-380 Electronic and Optical Properties of Materials	100	G2 & G4	123
12	PH-380 Nuclear Technology	100	B2 & B3	123

Session: A Timing: 08.30 AM to 10.00 AM Session: B Timing: 11.00 AM to 12.30 PM Session: C Timing: 01.30 PM to 03.00 PM Session: D Timing: 04.00 PM to 05.30 PM

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Date Sheet (2nd Semester)

[Mid Semester Theory Examination, February - March 2025]

Branch: All branches B. Tech., Dual Degree & B.Arch.

Session: A (08.30 AM – 10.00 AM)

Date	Section (A, B,C, D & E) Course No. & Title of Course	Sections (F, G, H, I & J) Course No. & Title of Course	(Section Z) Course No. & Title of Course
24/02/2025	MA-121 Differential Equations	MA-121 Differential Equations	AR-123 History of Architecture - II
25/02/2025	CY-101 Engineering Chemistry	HS-101 Communication Skills	HS – 104 Communications Skill
27/02/2025	EE-101 Basic Electrical Engineering	ME-101 Basics of Mechanical Engineering	
28/02/2025	EN-101 Energy Environment & Life Science	PH-101 Engineering Physics	
01/03/2025	EC-101 Basic Electronics Engineering	HS-103 Human Values and Ethical Mindfulness	
02/03/2025	MB-101 Entrepreneurship & Marketing Dynamics		

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Seating Plan for First Year, Second Semester, Mid Semester Theory Examination (February - March : 2025)

Session : A (08.30 AM – 10.00 AM)

Sr. No.	Section	Approximate No. of Students	Seating Capacity (No. of Students in Row X total No. Rows in the Room)	Room Allocated (Vivekanand Lecture Hall Complex)
1.	Section A	90	91(13x7)	G1
2.	Section B	90	91(13x7)	G2
3.	Section C	90	91(13x7)	F1
4.	Section D	90	91(13x7)	F2
5.	Section E	90	91(13x7)	S1
6.	Section F	90	91(13x7)	S2
7.	Section G	90	91(13x7)	B2
8.	Section H	90	32(8x4) per room	G3, G4 & G5
9.	Section I	105	32(8x4) per room	F3, F4 & F5, F6
10.	Section J	90	32(8x4) per room	S3, S4 & S5
11.	Section Z	60	50 per room	Studio - I & II (Architecture Department)

- Examination for Students suffering from infectious diseases (who are willing to appear in the examination) will be conducted in isolation in Room No. S – 6 of Vivekananda Lecture Hall Complex.
- Examination for Physically challenged students (who are using scribe for writing answer sheet) will be conducted in Room No. G – 6 of Vivekananda Lecture Hall Complex.



General Instructions

Mid Semester Theory Examination February - March 2025

for B. Tech., Dual Degree & B.Arch.

1. The centrally prepared date sheet and allotted rooms for B. Tech., Dual Degree & B.Arch. for conduction of Mid Semester Examination are being shared with Departments.
2. Concerned subject teachers will act as a coordinator for conduct of the examination and as per the strength of the students more invigilators shall be deputed by the head of the department.
3. The examination, its weightage and duration shall be as per ordinances of the institute.
4. Seating plans for examination as per the allocated rooms should be prepared by the Concerned Department/subject teacher and must be shared with students as well as other invigilators well in advance.
5. Duty roster shall be prepared at the department level and head of the department may ensure the invigilation duties are performed by the concerned teachers.
6. The invigilator(s) shall maintain the proper record of the attendance of students appearing in the examination.
7. The answer sheets/drawing sheets or any other specific material required for conduct of the examination should be collected by the concerned department from the central Store section well in advance.
8. The answer sheets collected after the conclusion of the examination should be handed over to the concerned subject teacher for evaluation along with the attendance record of the students and the copy of the same should also be retained by the department office.
9. The students are not allowed to enter the examination hall after the prescribed time schedule.
10. All the students has to follow the guidelines display in the venue of examination hall and other notices displayed time to time.
11. For PwD candidates (Divyangjan), special instructions are notified by Dean (Academic) regarding the additional time of 20 minutes per hour (30 minutes for midterm examination) has to be given, bringing of lamp and magnifying glass and more than normal font size of question papers for low vision students etc. are allowed. A separate room G6 in examination has been kept for such candidates if needed.

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[Mid Semester Theory Examination,
February-March 2025]

Important Instructions for Students

All the students are informed that **the following materials are NOT ALLOWED** inside the “VIVEKANAND LECTURE HALL COMPLEX/ Venue of the examination” during examination period

- **Mobile phone**
- **Personal bag**
- **Study materials (books, notes etc.)**
- **Palmtop**
- **Scientific / Programmable calculators with memory**
- **Course related materials written on appear slip/ calculator cove / clip board/ body parts etc.**

Students are advised to ensure that there is no objectionable materials around their seats before the start of the examinations. If any such materials is found in their possession or near their seat during the examination, the concerned paper of such individual shall be summarily CANCELLED and further action as per rule shall be initiated against the concerned student(s). Students are further advised that they should not bring mobile phone/ personal bags to put it at the gate of the examination hall.