

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

END-TERM EXAMINATION SCHEDULE

FIRST SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (**REGULAR, BACKLOG**) EXAMINATION, 2025- 2026

Duration of Examination: 3 Hrs. (180 minutes)

Time of Examination: 10.00 AM to 1.00 PM

DATE	08/12/2025 (MONDAY)	09/12/2025 (TUESDAY)	10/12/2025 (WEDNESDAY)	11/12/2025 (THURSDAY)	12/12/2025 (FRIDAY)	13/12/2025 (SATURDAY)
SECTIONS						
A, B, C, D	ESC01 - Ecology and Environment	XEC02 - Basic Electrical & Electronics Engineering	MAC01 - Mathematics - I	CSC01 - Computer Programming	XEC01 - Engineering Mechanics	CYC01 - Engineering Chemistry
E, F, G, H	HSC01 - Professional Communication	--				PHC01 - Engineering Physics

Instructions:

1. The examinees must carry their student identity cards in the examination hall.
2. Possession of any type of electronic gadgets, including cell phones, earphones, smart watches, etc., is strictly prohibited in the examination hall.

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13/10/2025
Assoc. Dean (UG)
Date: 13.10.2025

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Assoc. Dean (Exam. & Time Table)

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Dean (Academic)

Dean (Academic)
National Institute of Technology
Durgapur - 713209, Indian

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

END-TERM EXAMINATION SCHEDULE

3RD SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (REGULAR, BACKLOG) EXAMINATION, 2025 - 2026

Duration of Examination: 3 Hrs. (180 minutes)

Time of Examination: 2:00 PM to 5:00 PM

DATE PROGRAM	17/11/2025 (MONDAY)	19/11/2025 (WEDNESDAY)	20/11/2025 (THURSDAY)	21/11/2025 (FRIDAY)	25/11/2025 (TUESDAY)	27/11/2025 (THURSDAY)
BIO TECHNOLOGY	MAC331: Mathematics - III	BTC303: Microbiology & Bioprocess Technology	--	BTC301: Biochemistry & Enzyme Technology	BTC302: Process Calculations and Thermodynamics	CSC331: Database Management Systems
CHEMICAL ENGINEERING	CHC304: Numerical Methods for Chemical Engineers	CHC303: Fluid Mechanics for Chemical Engineers	--	CHC301: Process Calculations	CHC302: Chemical Engineering Thermodynamics	CYC331: Industrial Chemistry
CIVIL ENGINEERING	MAC331: Mathematics - III	CEC303: Fluid Mechanics	--	CEC301: Solid Mechanics	CEC302: Construction Material and Concrete Technology	ESC331: Engineering Geology for Civil Engineering
COMPUTER SCIENCE & ENGINEERING	MAC331: Mathematics - III	--	CSC303: Algorithm Design and Analysis - I	CSC301: Discrete Mathematics	CSC304: Object Oriented Programming	CSC302: Digital Logic Design
MATHEMATICS AND COMPUTING	MAC331: Mathematics - III	MAC332: Probability and Statistics	--	CSC301: Discrete Mathematics	CSC304: Object Oriented Programming	CSC305: Digital Computer Design
ELECTRONICS & COMMUNICATION ENGINEERING	MAC331: Mathematics - III	ECC303: Signals and Systems	--	ECC301: Network Analysis and Synthesis	ECC302: Semiconductor Devices and Technology	ECC304: Digital Circuits and Systems
ELECTRICAL ENGINEERING	MAC331: Mathematics - III	EEC303: Electromagnetic Field Theory	--	EEC301: Network Analysis and Synthesis	EEC302: Electrical and Electronics Measurement	ECC331: Analog Electronics
MECHANICAL ENGINEERING	MAC331: Mathematics - III	MEC303: Fluid Mechanics	--	MEC301: Solid Mechanics	MEC302: Theory of Machines and Mechanisms	MEC304: Engineering Thermodynamics
METALLURGY & MATERIALS ENGINEERING	MAC331: Mathematics - III	MMC303: Non - Ferrous Process Metallurgy	--	MMC301: Introduction to Metallurgy and Materials	MMC302: Metallurgical Thermodynamics and Kinetics	MMC304: Computational Materials Science
INTEGRATED M.Sc.	MAC331: Mathematics - III	CYC303: Stereochemistry and Basic Principle of Organic Chemistry	--	CYC301: State of Matter and Chemical Thermodynamics	CYC302: Atomic Structure and Chemical Bonding	PHC334: Physics - II

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NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

END-TERM EXAMINATION SCHEDULE

3RD SEMESTER B.TECH./ INTEGRATED M.Sc./DUAL DEGREE (BACKLOG-OLD SYLLABUS) EXAMINATION, 2025 - 2026

Duration of Examination : 3 Hrs. (180 minutes)

Time of Examination : 2.00 PM to 5.00 PM

DATE BRANCH	17/11/2025 (MONDAY)	19/11/2025 (WEDNESDAY)	21/11/2025 (THURSDAY)	25/11/2025 (TUESDAY)	27/11/2025 (THURSDAY)	28/11/2025 (FRIDAY)
BIO TECHNOLOGY	MAC331: Mathematics - III	BTC302: Microbiology and Bioprocess Technology	BTC303: Biochemistry and Enzyme Technology	CHC331: Process Calculation and Thermodynamics	BTC301: Cell Biology and Genetics	
CHEMICAL ENGINEERING		CHC303: Fluid Mechanics	CHC301: Process Calculations	CHC302: Chemical Engineering Thermodynamics	CYC331: Chemistry - II	
CIVIL ENGINEERING		CEC302: Fluid Mechanics	CEC301: Solid Mechanics	CEC303: Building Construction and Concrete Technology	ESC331: Geology for Civil Engineers	
COMPUTER SCIENCE & ENGINEERING		CSC303: Data Structures and Algorithms	CSC301: Discrete Mathematics	PHC331: Physics of Semiconductor Devices	CSC302: Digital Logic Design	
ELECTRONICS & COMMUNICATION ENGINEERING		ECC303: Signals and Systems	ECC301: Network Analysis and Synthesis	PHC331: Physics of Semiconductor Devices	ECC302: Electronic Devices and Circuits- I	
ELECTRICAL ENGINEERING		PHC332: Electromagnetic Field Theory	EEC301: Network Analysis and Synthesis	EEC302: Electrical and Electronics Measurement	ECC331: Analog Electronics	
MECHANICAL ENGINEERING		MEC303: Fluid Mechanics	MEC301: Solid Mechanics	MEC302: Theory of Machines and Mechanisms	MEC304: Engineering Thermodynamics	PHC333: Physics of Engineering Materials
METALLURGY & MATERIALS ENGINEERING		MMC303: Non - Ferrous Process Metallurgy	MMC302: Introduction of Metallurgy and Materials	MMC301: Metallurgical Thermodynamics and Kinetics	ESC332: Economic Geology	
INTEGRATED M.Sc.		CYC303: Stereochemistry and Basic Principle of Organic Chemistry	CYC301: State of Matter and Chemical Thermodynamics	CYC302: Atomic Structure and Chemical Bonding	PHC334: Physics – II	

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Date : 13/10/2025

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Dean (Academic)

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MID-TERM EXAMINATION SCHEDULE

5th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (REGULAR) EXAMINATION 2025 - 2026

Duration of Examination: 3 Hrs. (180 minutes)

Time of Examination: 9.00 AM to 12.00 NOON

DATE BRANCH	17/11/2025 (MONDAY)	19/11/2025 (WEDNESDAY)	21/11/2025 (FRIDAY)	25/11/2025 (TUESDAY)	27/11/2025 (THURSDAY)	28/11/2025 (FRIDAY)
BIOTECHNOLOGY	BTE510: BIOPHYSICS & STRUCTURAL BIOLOGY	BTC501: Bioreactor Design & Analysis	BTC502: Bioseparation Engineering	BTC503: Bioinformatics	CHC531: Unit Operations of Chemical Engineering-II	--
CHEMICAL ENGINEERING	CHE510: PROCESS INTENSIFICATION AND MEMBRANE TECHNOLOGY CHE511: MATERIAL SCIENCE AND ENGINEERING	CHC501: Instrumentation and Process Control	CHC502: Mass Transfer- II	CHC503: Chemical Process Technology	CHC504: Industrial Safety and Risk Management	--
CIVIL ENGINEERING	CEE516: TRANSPORTATION PLANNING AND MANAGEMENT CEE517: REMOTE SENSING AND GIS	CEC501: Structural Analysis-II	CEC502: Design of Steel Structures	CEC503: Transportation Engineering	CEC504: Soil Mechanics	--
ELECTRONICS & COMMUNICATION ENGINEERING	ECE511: PROBABILITY AND RANDOM SIGNAL THEORY ECE518: NANOELECTRONICS ECE520: DIGITAL IC DESIGN	ECC501: Communication Systems II	ECC502: Computer Organization and Architecture	ECC503: Microcontrollers and Embedded Systems	ECC504: Artificial Intelligence and Machine Learning	--
ELECTRICAL ENGINEERING	EEE510: Renewable Energy Systems EEE512: Digital Signal Processing EEE513: Numerical Analysis	EEC501: Electrical Machines - II	EEC502: Control Systems	EEC503: Power Systems - II	EEC504: Power Electronics	--
INTEGRATED M.Sc.	CYC505: Ionic Equilibria and Surface Chemistry	CYC501: Fundamentals of Electrochemistry and Data Analysis	CYC502: Chemistry in Solution and Solid State Chemistry	CYC503: Chemistry of Heterocyclic Compounds	CYC504: Industrial Chemistry	--
COMPUTER SCIENCE AND ENGINEERING	CSE512: ADVANCED COMPUTER ARCHITECTURE CSE516: ADVANCED DATABASE CSE518: OPTIMIZATION TECHNIQUES	CSC501: Compiler Design	CSC503: Embedded Systems	CSC504: Algorithm Design and Analysis- II	--	CSC502: Data Communication and Computer Networks
MECHANICAL ENGINEERING	MEE510: Convective Heat and Mass Transfer MEE511: Advanced Solid Mechanics MEE513: Tribology MEE517: Advanced Foundry Engineering	MEC501: Machining and Machine Tools	MEC502: IC Engine and Gas Turbines	MEC503: Design of Machine Elements-II	MEC504: Computer Aided Manufacturing & Robotics	--
METALLURGY AND MATERIALS ENGINEERING	MME510: Functional Materials MME514: Powder Metallurgy	MMC501: Modelling and Simulation of Metallurgical Processes	MMC502: Engineering Materials and Heat Treatment	MMC503: Mechanical Behaviour of Materials	MMC504: Iron Making	--

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END-TERM EXAMINATION SCHEDULE

5th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (BACKLOG-OLD SYLLABUS) EXAMINATION 2025 - 2026

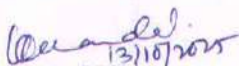
Duration of Examination: 3 Hrs.

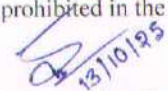
Time of Examination: 9.00 AM to 12.00 Noon

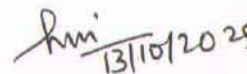
DATE BRANCH	17/11/2025 (MONDAY)	19/11/2025 (WEDNESDAY)	21/11/2025 (THURSDAY)	25/11/2025 (TUESDAY)	27/11/2025 (THURSDAY)
BIOTECHNOLOGY	Open Elective-2	BTC501: Biochemical Reaction Engineering and Bioreactor Design	BTC503: Bioseparation and Biochemical Analysis	BTC502: Cell and Tissue Culture	CHC531: Unit Operations of Chemical Engineering-II
CHEMICAL ENGINEERING	BTO541: Introduction to Computational Biology CEO540: Numerical Methods in Engineering	CHC504: Process Control and Instrumentation	CHC502: Mass Transfer-II	CHC503: Chemical Process Technology	CHC501: Chemical Reaction Engineering
CIVIL ENGINEERING	CHO541: Solid and Hazardous Waste Management with a Holistic Approach	CEC501: Structural Analysis-II	CEC502: Design of Steel Structures	CEC504: Transportation Engineering	CEC503: Soil Mechanics
COMPUTER SCIENCE AND ENGINEERING	CSO543: Computer Organization CSO544: Operating System	CSC503: Compiler Design	CSC504: Embedded Systems	CSC502: Database Management System	CSC501: Operating Systems
ELECTRONICS & COMMUNICATION ENGINEERING	ECO541: Probability Theory for Engineering Applications	ECC501: Digital Communication	ECC502: Microwave Engineering	ECC503: Microprocessors and Microcontrollers	ECC504: Electronic Devices and Circuits-II
ELECTRICAL ENGINEERING	EEO541: Fundamentals of Control System EEO542: Power System Analysis & Design	EEC501: Electrical Machines - II	EEC502: Control Systems	EEC503: Power Systems - II	EEC504: Power Electronics
MECHANICAL ENGINEERING	HSO544: Soft Skills	MEC501: Machining and Machine Tools	MEC502: IC Engine and Gas Turbines	MEC503: Machine Design	MEC504: Dynamics of Machines
METALLURGY AND MATERIALS ENGINEERING	HSO543: Personality Development HSO541: Statistical Techniques for Economics	MMC501: Manufacturing Processes	MMC502: Heat Treatment of Materials	MMC503: Fundamentals of Plastic Deformation and Strengthening of Materials	MMC504: Iron Making
INTEGRATED M.Sc.	XEO541: Design Thinking, Innovation and Entrepreneurship MMO541: Basic Manufacturing Processes PHO541: Thin Film Technology	CYC501: Fundamentals of Electrochemistry and Surface Chemistry	CYC502: Chemistry in Solution and Solid State Chemistry	CYC503: Chemistry of Heterocyclic Compounds and Natural Products	CYC504: Industrial Chemistry

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END-TERM EXAMINATION SCHEDULE

7th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (REGULAR) EXAMINATION, 2025 - 2026

Duration of Examination : 3 Hrs. (180 minutes)

Time of Examination : 2.00 PM to 5.00 PM

DATE BRANCH	18/11/2025 (TUESDAY)	20/11/2025 (THURSDAY)	21/11/2025 (FRIDAY)	24/11/2025 (MONDAY)	25/11/2025 (TUESDAY)	26/11/2025 (WEDNESDAY)	28/11/2025 (FRIDAY)
BIOTECHNOLOGY			--	BTE717: Environmental Biotechnology BTE722: Vaccine Technology	--	BTE712: Food Biotechnology BTE718: Proteomics and Protein Engineering	BTE711: Cancer Biology & Cell Signaling BTE719: Molecular Modeling & Drug Design
CHEMICAL ENGINEERING			--	CHE711: Bioprocess and Bioreactor Engineering CHE715: Membrane Separation Processes	--	CHE717: Colloids and Interface Engineering CHE718: Pinch Technology	CHE713: Chemical Plant Design and Economics CHE714: Process Safety in Chemical Industries
CIVIL ENGINEERING		<u>Open Elective-3</u> CHO741: Non-linear Dynamics	--	CEE710: Structural Dynamics CEE714: Structural Health Monitoring	--	CEE721: Environmental Pollution and Control CEE725: Hydrology and Irrigation Engineering	CEE730: Principles of Reliability CEE732: Pre-stressed Concrete
COMPUTER SCIENCE & ENGINEERING		CSO742: Multimedia Technologies CSO743: Computer Networks ECO742: Mobile Communication	CSE715: Digital Image Processing CSE717: Biometrics CSE719: Multimedia Information Systems	CSE710: Machine Learning CSE718: Cryptography and Network Security	CSE716: Data Analytics	--	CSE721: Computational Geometry CSE726: Incentive Mechanism in Computer Science CSE727: Quantum Computing
ELECTRONICS & COMMUNICATION ENGINEERING		EEO742: Renewable Energy EEO744: Industrial Process Control & Instrumentation	--	ECE723: Semiconductor Device Modelling	--	ECE712: Analog IC Design ECE722: Microwave Circuits & Techniques	ECE716: Millimetre Wave Technology ECE719: Telecommunication Networks CSE727: Quantum Computing EEE721: Design of Flight Control Law
ELECTRICAL ENGINEERING	MSC731: Principles of Management	HSO740: Indian Writings in English HSO743: Shakespearean Tragedy HSO742: Culture and Communication MEO741: Non-conventional Energy Systems	--	EEE713: Electrical Drives EEE722: Power System Restructuring and De-regulation	--	EEE714: Power System Planning, Operation & Control EEE716: FACTS Devices	EEE710: Renewable Energy Systems EEE720: Digital Signal Processing EEE721: Design of Flight Control Law CSE721: Computational Geometry CSE726: Incentive Mechanism in Computer Science CSE727: Quantum Computing ECE716: Millimetre Wave Technology ECE719: Telecommunication Networks
MECHANICAL ENGINEERING		MMO741: Advance Materials PHO741: Nuclear Reactor Technology	--	MEE710: Finite Element Method MEE711: Computational Fluid Dynamics and Heat Transfer MEE713: Non-Conventional Machining MEE725: Introduction to Aerospace Engineering	--	MEE714: Advanced Welding Technology MEE721: Convective Heat and Mass Transfer MEE722: Additive Manufacturing MEE726: Introduction to Fracture Mechanics	MEE724: Hydraulic Machines
METALLURGICAL & MATERIALS ENGINEERING			--	MME711: Fatigue, Creep and Fracture MME717: Corrosion Engineering	--	MME710: Functional Materials MME713: Fuel, Furnace and Refractories	MME715: Secondary Steel Making MME719: Stainless Steel: Technologies and Applications
INTEGRATED M.Sc.		CYC704: Mathematical and Computational Chemistry	--	CYC701: Quantum Chemistry and Spectroscopy	--	CYC702: Inorganic Reaction Mechanisms and Magnetochemistry	CYC703: Concept of Organic Synthesis and Asymmetric Synthesis

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