

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

SUPPLEMENTARY & BACKLOG EXAMINATION SCHEDULE

FIRST SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (SUPPLEMENTARY & BACKLOG) EXAMINATION, 2024- 2025

Duration of Examination: 3 Hrs.

Time of Examination: 9.00 AM to 12.00 Noon

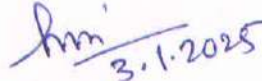
DATE	20/01/2025 (MONDAY)	21/01/2025 (TUESDAY)	22/01/2025 (WEDNESDAY)	23/01/2025 (THURSDAY)	24/01/2025 (FRIDAY)	25/01/2025 (SATURDAY)
SECTIONS						
A, B, C, D	MAC01 - Mathematics - I	ESC01 - Ecology and Environment	XEC01 - Engineering Mechanics	CSC01 - Computer Programming	CYC01 - Engineering Chemistry	XEC02 - Basic Electrical & Electronics Engineering
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.

Assoc. Dean (Exam. & Time Table)

Date: 03.01.2025


3.1.2025
Dean (Academic)
Dean (Academic)
National Institute of Technology
Durgapur - 713 209, India

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

SUPPLEMENTARY & BACKLOG EXAMINATION SCHEDULE

3RD SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (SUPPLEMENTARY & BACKLOG) EXAMINATION, 2024 - 2025

Duration of Examination: 3 Hrs.

Time of Examination: 9.00 AM to 12.00 Noon


DATE BRANCH	20/01/2025 (MONDAY)	21/01/2025 (TUESDAY)	22/01/2025 (WEDNESDAY)	23/01/2025 (THURSDAY)	24/01/2025 (FRIDAY)
BIO TECHNOLOGY	BTC301: Biochemistry & Enzyme Technology	MAC331: Mathematics - III	BTC302: Process Calculations and Thermodynamics	BTC303: Microbiology & Bioprocess Technology	CSC331: Database Management Systems
CHEMICAL ENGINEERING	CHC301: Process Calculations	CHC304: Numerical Methods for Chemical Engineers	CHC302: Chemical Engineering Thermodynamics	CHC303: Fluid Mechanics for Chemical Engineers	CYC331: Industrial Chemistry
CIVIL ENGINEERING	CEC301: Solid Mechanics	MAC331: Mathematics - III	CEC302: Construction Material and Concrete Technology	CEC303: Fluid Mechanics	ESC331: Engineering Geology for Civil Engineering
COMPUTER SCIENCE & ENGINEERING	CSC301: Discrete Mathematics	MAC331: Mathematics - III	CSC302: Digital Logic Design	CS303: Design Algorithms-I	CS304: Object Oriented Programming
ELECTRONICS & COMMUNICATION ENGINEERING	ECC301: Network Analysis and Synthesis	MAC331: Mathematics - III	ECC302: Semiconductor Devices and Technology	ECC303: Signals and Systems	ECC304: Digital Circuits and Systems
ELECTRICAL ENGINEERING	EEC301: Network Analysis and Synthesis	MAC331: Mathematics - III	EEC302: Electrical and Electronics Measurement	EEC303: Electromagnetic Field Theory	ECC331: Analog Electronics
MECHANICAL ENGINEERING	MEC301: Solid Mechanics	MAC331: Mathematics - III	MEC302: Theory of Machines and Mechanisms	MEC303: Fluid Mechanics	MEC304: Engineering Thermodynamics
METALLURGY & MATERIALS ENGINEERING	MMC301: Introduction to Metallurgy and Materials	MAC331: Mathematics - III	MMC302: Metallurgical Thermodynamics and Kinetics	MMC303: Non - Ferrous Process Metallurgy	MMC304: Computational Materials Science
INTEGRATED M.Sc.	CYC301: State of Matter and Chemical Thermodynamics	MAC331: Mathematics - III	CYC302: Atomic Structure and Chemical Bonding	CYC303: Stereochemistry and Basic Principle of Organic Chemistry	PHC334: Physics – II

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SUPPLEMENTARY & BACKLOG EXAMINATION SCHEDULE

5th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (SUPPLEMENTARY & BACKLOG) EXAMINATION 2024 - 2025

Duration of Examination: 3 Hrs.

Time of Examination: 9.00 AM to 12.00 Noon


DATE	20/01/2025 (MONDAY)	21/01/2025 (TUESDAY)	22/01/2025 (WEDNESDAY)	23/01/2025 (THURSDAY)	24/01/2025 (FRIDAY)
BRANCH					
BIOTECHNOLOGY	BTC501: Biochemical Reaction Engineering and Bioreactor Design	BTC502: Cell and Tissue Culture	BTC503: Bioseparation and Biochemical Analysis	CHC531: Unit Operations of Chemical Engineering-II	Open Elective-2 BTO541: Introduction to Computational Biology CEO540: Numerical Methods in Engineering CHO541: Solid and Hazardous Waste Management with a Holistic Approach CSO543: Computer Organization CSO544: Operating System ECO541: Probability Theory for Engineering Applications EEO540: Measurement and Instrumentation EEO541: Fundamentals of Control System EEO542: Power System Analysis & Design HSO544: Soft Skills HSO543: Personality Development HSO541: Statistical Techniques for Economics XEO541: Design Thinking, Innovation and Entrepreneurship MMO541: Basic Manufacturing Processes PHO541: Thin Film Technology
CHEMICAL ENGINEERING	CHC501: Chemical Reaction Engineering	CHC502: Mass Transfer- II	CHC503: Chemical Process Technology	CHC504: Process Control and Instrumentation	
CIVIL ENGINEERING	CEC501: Structural Analysis-II	CEC502: Design of Steel Structures	CEC503: Soil Mechanics	CEC504: Transportation Engineering	
COMPUTER SCIENCE AND ENGINEERING	CSC501: Operating Systems	CSC502: Database Management System	CSC503: Compiler Design	CSC504: Embedded Systems	
ELECTRONICS & COMMUNICATION ENGINEERING	ECC501: Digital Communication	ECC502: Microwave Engineering	ECC503: Microprocessors and Microcontrollers	ECC504: Electronic Devices and Circuits-II	
ELECTRICAL ENGINEERING	EEC501: Electrical Machines - II	EEC502: Control Systems	EEC503: Power Systems - II	EEC504: Power Electronics	
MECHANICAL ENGINEERING	MEC501: Machining and Machine Tools	MEC502: IC Engine and Gas Turbines	MEC503: Machine Design	MEC504: Dynamics of Machines	
METALLURGY AND MATERIALS ENGINEERING	MMC501: Manufacturing Processes	MMC502: Heat Treatment of Materials	MMC503: Fundamentals of Plastic Deformation and Strengthening of Materials	MMC504: Iron Making	
INTEGRATED M.Sc.	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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NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

SUPPLEMENTARY & BACKLOG EXAMINATION SCHEDULE

7th SEMESTER B.TECH. /INTEGRATED M.Sc./DUAL DEGREE (SUPPLEMENTARY & BACKLOG) EXAMINATION, 2024 - 2025

Duration of Examination : 3 Hrs.


Time of Examination: 9.00 AM to 12.00 NOON

DATE	Time of Examination: 9.00 AM to 12.00 NOON				
BRANCH	20/01/2025 (MONDAY)	21/01/2025 (TUESDAY)	22/01/2025 (WEDNESDAY)	23/01/2025 (THURSDAY)	24/01/2025 (FRIDAY)
BIOTECHNOLOGY	BTE712: Food Biotechnology BTE717: Environmental Biotechnology BTE722: Vaccine Technology	BTE718: Proteomics and Protein Engineering BTE723: Stem Cell Biology	BTE711: Cancer Biology & Cell Signaling BTE716: Structural Biology BTE724: Application of Molecular Cloning	Open Elective-3 CEO741: Optimisation in Engineering Design CHO741: Non-linear Dynamics CSO742: Multimedia Technologies CSO743: Computer Networks ECO742: Mobile Communication EEO742: Renewable Energy EEO744: Industrial Process Control & Instrumentation HSO740: Indian Writings in English HSO742: Culture and Communication MEO741: Non-Conventional Energy Systems MMO741: Advance Materials PHO741: Nuclear Reactor Technology CYC704: Mathematical and Computational Chemistry	MSC731: Principles of Management
CHEMICAL ENGINEERING	CHE714: Process Safety in Chemical Industries CHE718: Pinch Technology	CHE716: Process Intensification CHE715: Membrane Separation Processes	CHE713: Chemical Plant Design and Economics CHE719: Energy Management and Process Optimization in Chemical Industry		
CIVIL ENGINEERING	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	CSE714: Data Warehousing and Data Mining CSE715: Digital Image Processing CSE717: Biometrics CSE719: Multimedia Information Systems	CSE710: Machine Learning CSE716: Data Analytics CSE718: Cryptography and Network Security	CSE711: Graph Theory CSE721: Computational Geometry CSE726: Incentive Mechanism in Computer Science CSE727: Quantum Computing EEE721: Design of Flight Control Law		
ELECTRONICS & COMMUNICATION ENGINEERING	ECE712: Analog IC Design ECE715: Machine Learning	ECE719: Telecommunication Networks ECE723: Semiconductor Device Modelling	ECE722: Microwave Circuits & Techniques ECE724: Biomedical Instrumentation CSE711: Graph Theory CSE721: Computational Geometry EEE721: Design of Flight Control Law		
ELECTRICAL ENGINEERING	EEE713: Electrical Drives EEE722: Power System Restructuring and De-regulation	EEE714: Power System Planning, Operation & Control EEE716: FACTS Device	EEE710: Renewable Energy Systems EEE720: Digital Signal Processing EEE721: Design of Flight Control Law		
MECHANICAL ENGINEERING	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 MME710: Functional Materials	MME713: Fuel, Furnace and Refractories MME714: Powder Metallurgy	MME715: Secondary Steel Making MME719: Stainless Steel, Technologies and Applications		
INTEGRATED M.Sc.	CYC701: Quantum Chemistry and Spectroscopy	CYC702: Inorganic Reaction Mechanisms and Magnetochemistry	CYC703: Concept of Organic Synthesis and Asymmetric Synthesis		

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NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

BACK-LOG (OLD-SYLLABUS) EXAMINATION SCHEDULE

FIRST SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (BACKLOG-OLD SYLLABUS) EXAMINATION, 2024 - 2025

Duration of Examination : 3 Hrs. (180 minutes)

Time of Examination : 9.00 AM to 12.00 Noon

DATE						
SECTIONS	20/01/2025 (MONDAY)	21/01/2025 (TUESDAY)	22/01/2025 (WEDNESDAY)	23/01/2025 (THURSDAY)	24/01/2025 (FRIDAY)	25/01/2025 (SATURDAY)
A, B	MAC01 - Mathematics - I	ESC01 - Environmental Science	XEC01 - Engineering Mechanics	-	CYC01 - Engineering Chemistry	PHC01 - Engineering Physics
C, D		BTC01 - Life Science		CSC01 - Introduction to Computing	EEC01 - Electrical Technology	ECC01 - Basic Electronics

NIT DURGAPUR

Date: 3/1/2025

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BACK-LOG (OLD SYLLABUS) EXAMINATION SCHEDULE

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CHEMICAL ENGINEERING	CHC301: Process Calculations		CHC302: Chemical Engineering Thermodynamics	CHC303: Fluid Mechanics	CYC331: Chemistry - II	
CIVIL ENGINEERING	CEC301: Solid Mechanics		CEC303: Building Construction and Concrete Technology	CEC302: Fluid Mechanics	ESC331: Geology for Civil Engineers	
COMPUTER SCIENCE & ENGINEERING	CSC301: Discrete Mathematics		CSC302: Digital Logic Design	CSC303: Data Structures and Algorithms	PHC331: Physics of Semiconductor Devices	
ELECTRONICS & COMMUNICATION ENGINEERING	ECC301: Network Analysis and Synthesis		PHC331: Physics of Semiconductor Devices	ECC303: Signals and Systems	ECC302: Electronic Devices and Circuits- I	
ELECTRICAL ENGINEERING	EEC301: Network Analysis and Synthesis		EEC302: Electrical and Electronics Measurement	PHC332: Electromagnetic Field Theory	ECC331: Analog Electronics	
MECHANICAL ENGINEERING	MEC301: Solid Mechanics		MEC302: Theory of Machines and Mechanisms	MEC303: Fluid Mechanics	MEC304: Engineering Thermodynamics	PHC333: Physics of Engineering Materials
METALLURGY & MATERIALS ENGINEERING	MMC302: Introduction of Metallurgy and Materials		MMC301: Metallurgical Thermodynamics and Kinetics	MMC303: Non - Ferrous Process Metallurgy	ESC332: Economic Geology	
INTEGRATED M.Sc.	CYC301: State of Matter and Chemical Thermodynamics		CYC302: Atomic Structure and Chemical Bonding	CYC303: Stereochemistry and Basic Principle of Organic Chemistry	PHC334: Physics – II	

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Am
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