

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

END TERM EXAMINATIONS

Second Semester BTech / Integrated MSc / Dual Degree (Regular and Backlog-New Syllabus) Examination, 2024-25

Duration of Examination: 3 Hours

Time Slot	9:00 am to 12:00 Noon			2:00 pm to 5:00 pm	
Date	22.04.2025	24.04.2025	26.04.2025	28.04.2025	30.04.2025
Department	Tuesday	Thursday	Saturday	Monday	Wednesday
A / B / C / D	MAC02 - Mathematics – II	PHC01 - Engineering Physics	--	CSC02 - Data Structure and Algorithms	HSC01 - Professional Communication
E / F / G / H		ESC01 - Ecology and Environment	XEC02 – Basic Electrical and Electronics Engineering		CYC01 - Engineering Chemistry

Instructions:

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

(Signature)
Associate Dean (UG)

(Academic) Date: 27.03.2025

(Signature)
Associate Dean (Exam and Time Table)

(Signature)
Dean (Academic)

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

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR					
END TERM EXAMINATIONS					
Second Semester BTech / Integrated MSc / Dual Degree (Backlog- Old Syllabus) Examination, 2024-25					
Duration of Examination: 3 Hours					
Time Slot	9:00 pm to 12:00 Noon			2:00 pm to 5:00 pm	
Date	22.04.2025	24.04.2025	26.04.2025	28.04.2025	30.04.2025
Department	Tuesday	Thursday	Saturday	Monday	Wednesday
A / B / C / D	MAC02 - Mathematics – II	CSC01 – Introduction to Computing	BTC01 - Life Science XXC01 - The Constitution of India and Civic Norms	EEC01 - Electrical Technology	ECC01 – Basic Electronics
E / F / G / H		PHC01 - Engineering Physics ESC01 - Environmental Science	--	--	CYC01 - Engineering Chemistry
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Associate Dean (UG) (Academic) Date: 27.03.2025		Associate Dean (Exam and Time Table)		Dean (Academic)	

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Durgapur - 713209, Indian

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

END TERM EXAMINATIONS

Fourth Semester BTech / Integrated MSc / Dual Degree (Backlog) Examination, 2024-25

Duration of Examination: 3:00 Hours

2:00 pm to 5:00 pm

Time Slot					
Date	21.04.2025	23.04.2025	25.04.2025	26.04.2025	9:00 am to 12:00 Noon
Department	Monday	Wednesday	Friday	Saturday	29.04.2025 Tuesday
Biotechnology	BTC401 - Molecular Biology and Recombinant DNA Technology	CSC431 - Programming and Data Structure	BT0441 - Food Biotechnology	BTC402 - Immunology	CHC431 - Unit Operation of Chemical Engineering- I
Civil Engineering	CEC401 - Structural Analysis-I	CEC402 - Design of Concrete Structures	CEO440 - Introduction to Earthquake Engineering	CSC432 - Data Structure	CEC403 - Surveying
Chemical Engineering	CHC401 - Heat Transfer	CHC402 - Mechanical Operation	CHO441 - Process Heat Transfer	MEC432 - Mechanical Design of Equipment and Components	CHC403 - Mass Transfer- I
Computer Science & Engineering	CSC401 - Computer Organization and Architecture	CSC402 - Theory of Computation	CSO441 - Data Structures and Algorithms	CSC404 - Object Oriented Programming	CSC403 - Design and Analysis of Algorithms
Electrical Engineering	EEC401 - Power Systems - I	EEC402 - Electrical Machines - I	ECO441 - Communication Engineering	EEC403 - Digital Electronics	MEC431 - Fluid and Thermal Engineering
Electronics & Communication Engineering	ECC401 - Analog Communication	EEC431 - Control Systems	EEO440 - Fundamentals of Power System	ECC402 - Digital Circuits and Systems	ECC403 - Electromagnetic Theory and Transmission Lines
Mechanical Engineering	MEC401 - Design of Machine Element	MEC402 - Casting, Forming and Welding	EEO443 - Network Theory	MEC403 - Heat and Mass Transfer	EEC432 - Electrical Machines
Metallurgical & Materials Engineering	MMC401 - Transport Phenomena in Metallurgical Processes	MMC402 - Phase Transformation and Phase Equilibria	HSO441 - Shakespearean Comedy	CSC433 - Data Structures	MMC403 - Materials Characterization
Integrated MSc	CYC401: Biochemistry: Structure and Function	CYC402: Phase-Equilibrium, Chemical Kinetics and Catalysis	MEO441 - Energy Management and Editing	CYC404: Organic Reaction Mechanism and Reactive Intermediates	CYC403: Chemistry of Elements and Radioactivity
			MSO441 - Essentials of Marketing Management		
			PHO441 - Quantitative Biology		

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Associate Dean (UG)

Date: 27.03.2025

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NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

END TERM EXAMINATIONS

Fourth Semester BTech / Integrated MSc / Dual Degree (Regular) Examination, 2024-25

Duration of Examination: 3:00 Hours

Time Slot	2:00 pm to 5:00 pm						9:00 am to 12:00 Noon
Date	21.04.2025	23.04.2025	24.04.2025	25.04.2025	26.04.2025	29.04.2025	
Department	Monday	Wednesday	Thursday	Friday	Saturday	Tuesday	
Biotechnology	BTC401 - Molecular Biology and Genetic Engineering	BTC402 - Cell Biology and Genetics		BTC403 - Plant and Animal Biotechnology	BTC404 - Immunology	CHC431 - Unit Operation of Chemical Engineering- I	
Civil Engineering	CEC401 - Structural Analysis-I	CEC402 - Design of Concrete Structures		CEC403 - Water Resource Engineering	CEC403 - Environmental Engineering	CEC405 - Surveying	
Chemical Engineering	CHC401 - Heat Transfer	CHC402 - Mechanical Operation		CHE411 - Non-conventional Energy Engineering CHE412 - Colloids and Interface Engineering	CHC404 - Chemical Reaction Engineering	CHC403 - Mass Transfer- I	
Computer Science & Engineering	CSC401 - Computer Organization and Architecture	CSC402 - Theory of Computation		--	CSC403 - Operating Systems	CSC404 - Database Management Systems	
Electrical Engineering	EEC401 - Power Systems - I	EEC402 - Electrical Machines - I		EEC404 - Microprocessor and Microcontroller	EEC403 - Digital Electronics	MEC431 - Fluid and Thermal Engineering	
Electronics & Communication Engineering	ECC401 - Communication Systems I	EEC431 - Control Systems	ECC404 - Microelectronic Circuits	--	ECC403 - Electromagnetic Theory and Transmission Lines	ECC402 - Digital Signal Processing	
Mechanical Engineering	MEC401 - Design of Machine Elements - I	MEC402 - Casting, Forming and Welding		MEC404 - Dynamics of Machines	MEC403 - Heat and Mass Transfer	MEC405 - Fluid Mechanics	
Metallurgical & Materials Engineering	MMC401 - Transport Phenomena in Metallurgical Processes	MMC402 - Phase Transformation and Phase Equilibria		MMC405 - Manufacturing Processes	MMC404 - Physics of Materials	MMC403 - Materials Characterization	
Integrated MSc	CYC401 - Biochemistry : Structure and Function	CYC402 - Phase-Equilibrium and Chemical Kinetics	--	CYE411: Analytical and Environmental Chemistry	CYC404: Organic Reaction Mechanism and Reactive Intermediates	CYC403 - Chemistry of Elements and Radioactivity	

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Associate Dean (UG)
Date: 27.03.2025

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End TERM EXAMINATIONS

Sixth Semester BTech / Integrated MSc / Dual Degree (Regular and Backlog) Examination, 2024-25

Duration of Examination: 3:00 Hours

9:00 am to 12:00 Noon

Time Slot:						
Date	21.04.2025	23.04.2025	25.04.2025	26.04.2025	28.04.2025	30.04.2025
Department	Monday	Wednesday	Friday	Saturday	Monday	Wednesday
Biotechnology	BTC601 - Bioinformatics	HSC631 - Economics and Management Accountancy	CSC631 - Database Management System	CHC631 - Process Control and Instrumentation	BTE613: Human Genomics BTE616: Nanobiotechnology	BTE614: Molecular Virology BTE610: Animal Biotechnology
Civil Engineering	CEC601 - Water Resource Engineering		CEC602 - Foundation Engineering	CEC603 - Environmental Engineering	CEE621: Finite Element Method CEE623: Remote sensing and GIS CEE624: Traffic Engineering and Management	CEE610: Advanced Design of Concrete Structures CEE611: Advanced Structural Analysis CEE613: Material Technology
Chemical Engineering	CHC601 - Water Resource Engineering <i>Transport Phenomena</i>		CHC602 - Petroleum Refining and Petrochemicals	-	CHE611: Industrial Pollution Control and Treatment CHE610: Industrial Pollution Control CHE614: Artificial Intelligence in Chemical Industries	CHC603 - Process Modelling and Simulation
Computer Science & Engineering	CSC601 - Software Engineering		CSC602 - Data Communication and Computer Networks	<i>CSE622:-(2-5pm) Soft Computing</i>	CSE615: Optimization Techniques CSE616: Artificial Intelligence CSE618: Information Coding Theory	CSE617: Advanced Algorithms CSE622: Soft Computing CSE623: Advanced DBMS EEE616: Soft Computing Theory and Applications
Electrical Engineering	EEC601 - Advanced Power Systems		EEC602 - Microprocessor and Microcontroller	-	EEE613: Special Electrical Machines EEE615: Advanced Power Electronics	EEE612: Modern Control Systems EEE616: Soft Computing Theory and Applications ECE616: VLSI Technology ECE623: Mechatronics Systems
Electronics & Communication Engineering	ECC601 - Antenna and Wave Propagation		ECC602 - VLSI Design	ECC603 - Digital Signal Processing	ECE610: Artificial Intelligence and Soft Computing ECE622: Digital IC Design	ECE612: Advanced Digital Communication ECE616: VLSI Technology ECE623: Mechatronics Systems CSE623: Advanced DBMS
Mechanical Engineering	MEC601 - Power Plant Engineering		MEC602 - Industrial Engineering and Measurement	-	MEE620: Advanced Foundry Engineering MEE621: Mechanics of Composite & Functionally Graded Materials MEE623: Multiphase flow and Heat Transfer MEE625: Computer-Aided Design & Manufacturing	MEE610: Automobile Engineering MEE611: Gas Dynamics and Propulsion MEE612: Mechanics of forming and Press working MEE613: Advanced Solid Mechanics
Metallurgical & Materials Engineering	MMC601 - Steel Making		MMC602 - Mechanical Working of Materials	-	MME615: Ceramic Technology MME617: Metal Joining Processes	MME 610: Engineering Materials MME 613: Production of Ferroalloys
Integrated MSc	CYC601 - Basics of Photochemistry, Group Theory, and Data Analysis		CYE611*: Analytical and Environmental Chemistry * 2:00 PM -5:00 PM	-	CYC603 - Reagents in Organic Synthesis	CYC602 - Coordination Chemistry

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Date: 27.03.2025

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END TERM EXAMINATIONS

Eighth Semester BTech / Dual Degree (Regular and Backlog) Examination, 2024-25

Duration of Examination: 3:00 Hours

Time: 2:00 pm to 5:00 pm

Date	28.04.2025	29.04.2025	30.04.2025
Department	Monday	Tuesday	Wednesday
Biotechnology	BTE812-Medical and Pharmaceutical Biotechnology BTE814-Bioethics & IPR BTE815-Environmental Microbiome	BTO840: Industrial Biotechnology	CEO852: Reliability Engineering
Civil Engineering	CEE810-Sediment Transport CEE812-Soil Structure Interaction	CEO841: Disaster Management and Mitigation	CHO851: Energy, Environment & Sustainability
Chemical Engineering	CHE810-Multiphase Flow CHE813-CFD Application in Chemical Engineering	CHO841: Bioengineering & Industrial applications	CSO851: Machine Learning
Computer Science & Engineering	CSE811-Distributed Systems CSE813 -Optical Networks CSE814 -Internet of Things CSE819-Knowledge Management	CYO841: Introduction to Computational Material Design	ECO850: Communication Network
Electrical Engineering	EEE810: Power System Transients and Power Quality EEE811: Smart Grid EEE812: Power System Reliability	CSO844: Compiler Design	EEO850: Soft Computing Techniques
Electronics & Communication Engineering	ECE810: Wireless Communication ECE817: Design with OP-AMPS and Analog Integrated Circuit ECE818: Satellite Communication	ECO841: Signal Processing	EEO853: Electrical Engineering Materials
Mechanical Engineering	MEE812: Micro and Nano Manufacturing MEE814: Machine Tool Engineering and Automation MEE816: Advanced Mechanical Vibration	EEO840: Microgrid systems	HSO851: Literature and Cinema
Metallurgical & Materials Engineering	MME812-Mathematical Modelling and Simulation MME813-Raw Materials Preparation for Iron and Steel Making	EEO841: Biomedical Instrumentation	HSO852: Classics of Literature
		MEO841: Nonlinear Dynamical Systems	PHO851: Fiber-Optics Communication
		MMO842: Nanomaterial - Processing, Properties and Applications	PHO852: Optical Instrumentation
		PHO841: Quantum Physics	XEO852: Fundamentals of Micro, Nano Fabrication and Packaging
		MSO841: Marketing Research and Analytics	

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