NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MID-TERM EXAMINATION
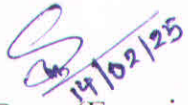
Second Semester BTech / Integrated MSc / Dual Degree (Regular) Examination, 2024-25

Duration of Examination: 1:30 Hours

Time Slot	12:00 Noon to 1:30 pm				
Date	**06.03.2025**	**07.03.2025**	**10.03.2025**	**11.03.2025**	**12.03.2025**
Department	**Thursday**	**Friday**	**Monday**	**Tuesday**	**Wednesday**
A / B / C / D	HSC01 - Professional Communication	PHC01 - Engineering Physics	MAC02 - Mathematics – II	--	CSC02 - Data Structure and Algorithms
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.

Associate Dean (Examination & Time Table)

Date: 14.02.2025

Associate Dean (UG)   19/02/2025

Dean (Academic)   14/2/2025

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MID-TERM EXAMINATION
Fourth Semester BTech / Integrated MSc / Dual Degree (Regular) Examination, 2024-25
Duration of Examination: 1:30 Hours   Time: 3PM to 4.30PM

Time: 3PM to 4.30PM

Time Slot / Date / Department	06.03.2025 Thursday	07.03.2025 Friday	10.03.2025 Monday	11.03.2025 Tuesday	12.03.2025 Wednesday
Biotechnology	BTC401 - Molecular Biology and Genetic Engineering	BTC402 - Cell Biology and Genetics	BTC403 - Plant and Animal Biotechnology	BTC404- Immunology	CHC431 - Unit Operations in Chemical Engineering - I
Civil Engineering	CEC401 - Structural Analysis-I	CEC402 - Design of Concrete Structures	CEC403 - Water Resources Engineering	CEC404 - Environmental Engineering	CEC405 - Surveying
Chemical Engineering	CHC401 - Heat Transfer	CHC402 - Mechanical Operation	CHC403 - Mass Transfer- I	CHC404 - Chemical Reaction Engineering	CHE411 - Non-Conventional Energy Engineering / CHE412 - Colloids and Interface Engineering
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	EEC403 - Digital Electronics	MEC431 - Fluid and Thermal Engineering	EEC404 - Microprocessor and Microcontroller
Electronics & Communication Engineering	ECC401 - Communication Systems I	ECC402 - Digital Signal Processing	ECC403 - Electromagnetic Theory and Transmission Lines	EEC431 - Control Systems	ECC404 - Microelectronic Circuits
Mechanical Engineering	MEC401 - Design of Machine Elements - I	MEC402 - Casting, Forming and Welding	MEC403 - Heat and Mass Transfer	MEC404 - Dynamics of Machines	MEC405 - Fluid Machines
Metallurgical & Materials Engineering	MMC401 - Transport Phenomena in Metallurgical Processes	MMC402 - Phase Transformation and Phase Equilibria	MMC403 - Materials Characterization	MMC404 - Physics of Materials	MMC405 - Manufacturing Processes
Integrated MSc	CYC401 - Biochemistry: Structure and Function	CYC402 - Phase-Equilibrium and Chemical Kinetics	CYC403:Chemistry of Elements and Radioactivity	CYC404: Organic Reaction Mechanism and Reactive Intermediates	CYE411 - ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

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Date: 14.02.2025

Associate Dean (UG)   19/02/2025

Dean (Academic)   14/2/2025

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MID-TERM EXAMINATION

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

Duration of Examination: 1:30 Hours

Time Slot:				9:00 am to 10:30 am		
Date	06.03.2025	07.03.2025	10.03.2025	11.03.2025	12.03.2025	13.03.2025
Department	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday
Biotechnology	HSC631 - Economics and Management Accountancy	BTC601 - Bioinformatics	CSC631 - Database Management System	CHC631 - Process Control and Instrumentation	**BTE614:** Molecular Virology **BTE610:** Animal Biotechnology	BTE613: Human Genomics BTE616: Nanobiotechnology
Civil Engineering		CEC601 - Water Resource Engineering	CEC602 - Foundation Engineering	CEC603 - Environmental Engineering	CEE610: Advanced Design of Concrete Structures CEE611: Advanced Structural Analysis	CEE621: Finite Element Method CEE624: Traffic Engineering and Management
Chemical Engineering		CHC601 - Transport Phenomena	CHC602 - Petroleum Refining and Petrochemicals	CHC603 - Process Modelling and Simulation	CHE610: Industrial Pollution Control CHE614: Artificial Intelligence in Chemical Industries	-
Computer Science & Engineering		CSC601 - Software Engineering	CSC602 - Data Communication and Computer Networks		CSE617: Advanced Algorithms CSE622: Soft Computing CSE623: Advanced DBMS EEE616: Soft Computing Theory and Applications	CSE615: Optimization Techniques CSE616: Artificial Intelligence CSE618: Information Coding Theory
Electrical Engineering		EEC601 - Advanced Power Systems	EEC602 - Microprocessor and Microcontroller		EEE612: Modern Control Systems EEE616: Soft Computing Theory and Applications ECE616: VLSI Technology ECE623: Mechatronics Systems	EEE613: Special Electrical Machines EEE615: Advanced Power Electronics
Electronics & Communication Engineering		ECC601 - Antenna and Wave Propagation	ECC602 - VLSI Design	ECC603 - Digital Signal Processing	ECE612: Advanced Digital Communication ECE616: VLSI Technology ECE623: Mechatronics Systems CSE623: Advanced DBMS	ECE610: Artificial Intelligence and Soft Computing ECE622: Digital IC Design
Mechanical Engineering		MEC601 - Power Plant Engineering	MEC602 - Industrial Engineering and Measurement		MEE 610: Automobile Engineering MEE 611: Gas Dynamics and Propulsion MEE 612: Mechanics of forming and Press working MEE 613: Advanced Solid Mechanics	MEE620: Advanced Foundry Engineering MEE 621: Mechanics of Composite & Functionally Graded Materials MEE 623: Multiphase flow and Heat Transfer MEE 625: Computer-Aided Design & Manufacturing
Metallurgical & Materials Engineering		MMC601 - Steel Making	MMC602 - Mechanical Working of Materials		MME 610: Engineering Materials MME 613: Production of Ferroalloys	MME615: Ceramic Technology MME 617: Metal Joining Processes
Integrated MSc		CYC601 - Basics of Photochemistry, Group Theory, and Data Analysis	CYC602 - Coordination Chemistry	CYC603 - Reagents in Oragnic Synthesis	CYE611: Analytical and Environmental Chemistry** (** Time: 3PM to 4.30PM)	-

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Date: 14.02.2025

Associate Dean (UG) 14/02/2025

Dean (Academic) 14/2/2025

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MID-TERM EXAMINATION
Eighth Semester BTech / Dual Degree (Regular) Examination, 2024-25
Duration of Examination: 1:30 Hours
Time: 12:00 Noon to 1:30 pm

Date Department	11.03.2025 Tuesday	12.03.2025 Wednesday	13.03.2025 Thursday
Biotechnology	BTE812-Medical and Pharmaceutical Biotechnology BTE814-Bioethics & IPR BTE815-Environmental Microbiome	BTO840 - INDUSTRIAL BIOTECHNOLOGY CEO841 - Disaster Management and Mitigation CHO841 - Bioengineering & Industrial applications CYO841 - Introduction to Computational Material Design CSO844 - Compiler Design ECO841 - Signal Processing EEO840 - Microgrid System EEO841 - Biomedical Instrumentation MEO841 - Nonlinear Dynamical Systems MMO842 - Nanomaterials: Processing, properties and application PHO841 - Quantum Physics MSO841 - Marketing Research and Analytics	CEO852 - Reliability Engineering CHO851 - Energy, Environment & Sustainability CSO851 - Machine Learning ECO850 - Communication Network EEO850 - Soft computing Techniques EEO853 - Electrical engineering Materials HSO851 - Literature and Cinema HSO852 - Classics of Literature PHO851 - Fiber-Optics Communications PHO852 - Optical Instrumentation XEO852 - Fundamentals of Micro, Nano Fabrication and Packaging
Civil Engineering	CEE810-Sediment Transport CEE812-Soil Structure Interaction		
Chemical Engineering	CHE810-Multiphase Flow CHE813-CFD Application in Chemical Engineering		
Computer Science & Engineering	CSE811-Distributed Systems CSE813 -Optical Networks CSE814 -Internet of Things CSE819-Knowledge Management		
Electrical Engineering	EEE810 - Power System Transients and Power Quality EEE811 - Smart Grid EEE812 - Power System Reliability		
Electronics & Communication Engineering	ECE810 - Wireless Communication ECE817 - Design with OP-AMPS and Analog Integrated Circuits ECE818 - Satellite Communication		
Mechanical Engineering	MEE812: Micro and Nano Manufacturing MEE814: Machine Tool Engineering and Automation MEE816: Advanced Mechanical Vibration		
Metallurgical & Materials Engineering	MME812 - Mathematical Modelling and Simulation MME813-Raw Materials Preparation for Iron and Steel Making		

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Associate Dean (Examination & Time Table)
Date: 14.02.2025

Associate Dean (UG)

Dean (Academic)