

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MID-TERM EXAMINATION SCHEDULE

3RD SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE **(REGULAR/BACKLOG)** EXAMINATION, 2021 - 2022

Duration of Online Examination : 1.5 Hrs. (90 minutes)

Time Slot of Online Examination : Between 9 AM to 12 NOON

DATE BRANCH	04/10/2021 (MONDAY)	05/10/2021 (TUESDAY)	06/10/2021 (WEDNESDAY)	07/10/2021 (THURSDAY)	08/10/2021 (FRIDAY)	09/10/2021 (SATURDAY)
BIO TECHNOLOGY	BTC301: Cell Biology and Genetics	BTC302: Microbiology and Bioprocess Technology	BTC303: Biochemistry and Enzyme Technology	CHC331: Process Calculation and Thermodynamics		MAC331: Mathematics - III
CHEMICAL ENGINEERING	CHC301: Process Calculations	CHC302: Chemical Engineering Thermodynamics	CHC303: Fluid Mechanics	CYC331: Chemistry - II		
CIVIL ENGINEERING	CEC301: Solid Mechanics	CEC302: Fluid Mechanics	CEC303: Building Construction and Concrete Technology	ESC331: Geology for Civil Engineers		
COMPUTER SCIENCE & ENGINEERING	CSC301: Discrete Mathematics	CSC302: Digital Logic Design	CS303: Data Structures and Algorithms	PHC331: Physics of Semiconductor Devices		
ELECTRONICS & COMMUNICATION ENGINEERING	ECC301: Network Analysis and Synthesis	ECC302: Electronic Devices and Circuits- I	ECC303: Signals and Systems	PHC331: Physics of Semiconductor Devices		
ELECTRICAL ENGINEERING	EEC301: Network Analysis and Synthesis	EEC302: Electrical and Electronics Measurement	ECC331: Analog Electronics	PHC332: Electromagnetic Field Theory		
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	MMC301: Metallurgical Thermodynamics and Kinetics	MMC302: Introduction of Metallurgy and Materials	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		

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MID-TERM EXAMINATION SCHEDULE

5th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (**REGULAR/ BACKLOG**) EXAMINATION 2021 - 2022

Duration of Online Examination : 1.5 Hrs. (90 minutes)

Time Slot of Online Examination : Between 9 AM to 12 NOON

DATE	04/10/2021 (MONDAY)	05/10/2021 (TUESDAY)	06/10/2021 (WEDNESDAY)	07/10/2021 (THURSDAY)	08/10/2021 (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 BTO540: Mineral Biotechnology CEO540: Numerical Methods in Engineering CHO543: Industrial Water Treatment CSO542: Database Management System ECO541: Probability Theory of Engineering Application EEO540: Measurement and Instrumentation EEO541: Fundamentals of Control Systems MEO542: Introduction to Fluid Mechanics MMO541: Basic Manufacturing Process MAO541: Mathematical Methods for Engineers PHO541: Thin Film Technology HSO543: Personality Development HSO544: Soft Skills
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: Microcontroller based 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	

NIT DURGAPUR

Date : 26/09/2021

Dean (Academic Courses)

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MID-TERM EXAMINATION SCHEDULE

7th SEMESTER B.TECH. /INTEGRATED M.Sc./DUAL DEGREE **(REGULAR/ BACKLOG)** EXAMINATION, 2021 - 2022

Duration of Online Examination : 1.5 Hrs. (90 minutes)

Time Slot of Online Examination : Between 2 PM to 5 PM

DATE BRANCH	04/10/2021 (MONDAY)	05/10/2021 (TUESDAY)	06/10/2021 (WEDNESDAY)	07/10/2021 (THURSDAY)	08/10/2021 (FRIDAY)
BIOTECHNOLOGY	BTE711: Cancer Biology & Cell Signaling BTE717: Environmental Biotechnology BTE720: Nanotherapeutics	BTE712: Food Biotechnology BTE718: Proteomics and Protein Engineering BTE723: Stem Cell Biology CSE716: Data Analytics	BTE716: Structural Biology BTE722: Vaccine Technology BTE724: Application of Molecular Cloning	Open Elective-3 BT0740: Genetic Engineering CEO741: Optimization in Engineering Design CHO741: Non-linear Dynamics CSO741: Software Engineering CSO743: Computer Networks ECO740: Biomedical Instrumentation EEO740: Concepts of Electrical Machines & Drives ME0740: 3D Printing Technology HSO740: Indian Writings in English HSO741: Development Economics and Sustainable Development	MSC731: Principles of Management
CHEMICAL ENGINEERING	CHE710: Energy Sources & Utilization CHE714: Process Safety in Chemical Industries	CHE711: Bioprocess and Bioreactor Engineering 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	CEE730: Principles of Reliability CEE732: Pre-stressed Concrete		
COMPUTER SCIENCE & ENGINEERING	CSE715: Digital Image Processing CSE717: Biometrics CSE718: Cryptography and Network Security CSE719: Multimedia Information Systems	CSE710: Machine Learning CSE714: Data Warehousing and Data Mining CSE716: Data Analytics	CSE711: Graph Theory CSE713: Natural Language Processing CSE721: Computational Geometry CSE726: Incentive Mechanism in Computer Science		
ELECTRONICS & COMMUNICATION ENGINEERING	ECE722: Microwave Circuits & Techniques	ECE724: Biomedical Instrumentation	ECE712: Analog IC Design CSE711: Graph Theory CSE713: Natural Language Processing CSE726: Incentive Mechanism in Computer Science		
ELECTRICAL ENGINEERING	EEE713: Electrical Drives EEE714: Power System Planning, Operation and Control	EEE715: Embedded Systems EEE716: FACTS Device	EEE710: Renewable Energy Systems EEE720: Digital Signal Processing CSE711: Graph Theory CSE713: Natural Language Processing		
INFORMATION TECHNOLOGY	CSE719: Multimedia Information Systems	CSE716: Data Analytics	CSE721: Computational Geometry		
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	MEE724: Hydraulic Machines		
METALLURGICAL & MATERIALS ENGINEERING	MME711: Fatigue, Creep and Fracture MME717: Corrosion Engineering	MME713: Fuel, Furnace and Refractories MME715: Secondary Steel Making	MME714: Powder Metallurgy 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	CYC704: Mathematical and Computational Chemistry	

NIT DURGAPUR

Date : 26/09/2021

Dean (Academic Courses)