

# NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

## MID-TERM EXAMINATION SCHEDULE (ONLINE)

4th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (REGULAR) MID-TERM EXAMINATION, 2021 - 2022

Duration of Online Examination : 90 minutes

Time Slot of Online Examination : Between 9.00 AM to 12.00 NOON

DATE BRANCH	07/03/2022 (MONDAY)	08/03/2022 (TUESDAY)	09/03/2022 (WEDNESDAY)	10/03/2022 (THURSDAY)	11/03/2022 (FRIDAY)	12/03/2022 (SATURDAY)
BIO TECHNOLOGY	<b>BTC 401</b> : Molecular Biology and Recombinant DNA Technology	<b>BTC 402</b> : Immunology	<b>CHC 431</b> : Unit Operation of Chemical Engineering- I	<b>CSC 431</b> : Programming and Data Structure	<b>BTO441:</b> FOOD BIOTECHNOLOGY <b>CEO440</b> : INTRODUCTION TO EARTHQUAKE ENGINEERING <b>CHO441:</b> PROCESS HEAT TRANSFER <b>CSC441:</b> DATA STRUCTURES AND ALGORITHMS <b>ECO441:</b> COMMUNICATION ENGINEERING <b>EEO440:</b> FUNDAMENTALS OF POWER SYSTEMS <b>MAO441:</b> DISCRETE MATHEMATICS <b>PHO441:</b> QUANTITATIVE BIOLOGY <b>HSO440:</b> MEDIA, CULTURE & TECHNOLOGY <b>MSO441:</b> INDUSTRIAL MARKETING	
CHEMICAL ENGINEERING	<b>CHC 401</b> : Heat Transfer	<b>CHC 402</b> : Mechanical Operation	<b>CHC 403</b> : Mass Transfer- I	<b>MEC 432</b> : Mechanical Design of Equipment and Components		
CIVIL ENGINEERING	<b>CEC 401</b> : Structural Analysis-I	<b>CEC 402</b> : Design of Concrete Structures	<b>CEC 403</b> : Surveying	<b>CSC 432</b> : Data Structure		
COMPUTER SCIENCE & ENGINEERING	<b>CSC 401</b> : Computer Organization and Architecture	<b>CSC 402</b> : Theory of Computation	<b>CSC 403</b> : Design and Analysis of Algorithms	<b>CSC 404</b> : Object Oriented Programming		<b>CSC 405</b> : Signals and Systems
ELECTRONICS & COMMUNICATION ENGINEERING	<b>ECC 401</b> : Analog Communication	<b>ECC 402</b> : Digital Circuits and Systems	<b>ECC 403</b> : Electromagnetic Theory and Transmission Lines	<b>EEC 431</b> : Control Systems		
ELECTRICAL ENGINEERING	<b>EEC 401</b> : Power Systems - I	<b>EEC 402</b> : Electrical Machines - I	<b>EEC 403</b> : Digital Electronics	<b>MEC 431</b> : Fluid and Thermal Engineering		
MECHANICAL ENGINEERING	<b>MEC 401</b> : Design of Machine Element	<b>MEC 402</b> : Casting, Forming and Welding	<b>MEC 403</b> : Heat and Mass Transfer	<b>EEC 432</b> : Electrical Machines		
METALLURGY & MATERIALS ENGINEERING	<b>MMC 401</b> : Transport Phenomena in Metallurgical Process	<b>MMC 402</b> : Phase Transformation and Phase Equilibria	<b>MMC 403</b> : Materials Characterization	<b>CSC 433</b> : Data Structures		
INTEGRATED M.Sc.	<b>CYC 401:</b> Biochemistry : Structure and function	<b>CYC 402:</b> Phase-Equilibrium, Chemical Kinetics and Catalysis	<b>CYC 403:</b> Chemistry of Elements and Radioactivity	<b>CYC 404:</b> Organic Reaction Mechanism and Reactive Intermediates		

NIT DURGAPUR  
Date : 24/02/2022

Dean (Academic Courses)

# NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

## MID-TERM EXAMINATION SCHEDULE (ONLINE)

6th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (REGULAR) EXAMINATION 2021 - 2022

Duration of Online Examination : 90 minutes

Time Slot of Online Examination : Between 2.00 PM to 5.00 PM

DATE	07/03/2022 (MONDAY)	08/03/2022 (TUESDAY)	09/03/2022 (WEDNESDAY)	10/03/2022 (THURSDAY)	11/03/2022 (FRIDAY)	12/03/2022 (SATURDAY)
BRANCH						
<b>BIOTECHNOLOGY</b>	<b>BTC601:</b> Bioinformatics	<b>CSC631:</b> Database Management System	<b>CHC631:</b> Process Control and Instrumentation	<b>BTE614:</b> Molecular Virology, <b>BTE610:</b> Animal Biotechnology	<b>BTE613:</b> Human Genomics <b>BTE616:</b> Nanobiotechnology	
<b>CHEMICAL ENGINEERING</b>	<b>CHC 601 :</b> Transport Phenomena	<b>CHC 602 :</b> Petroleum Refining and Petrochemicals	<b>CHC 603 :</b> Process Modelling and Simulation	<b>CHE 610:</b> Chemical Reactor Analysis <b>CHE 614:</b> Artificial Intelligence in Chemical Industries		
<b>CIVIL ENGINEERING</b>	<b>CEC 601 :</b> Water Resource Engineering	<b>CEC 602 :</b> Foundation Engineering	<b>CEC 603 :</b> Environmental Engineering	<b>CEE610:</b> ADVANCED DESIGN OF CONCRETE STRUCTURES <b>CEE611:</b> Advanced Structural Analysis	<b>CEE621:</b> FINITE ELEMENT METHOD <b>CEE623:</b> Remote Sensing and GIS	
<b>COMPUTER SCIENCE AND ENGINEERING</b>	<b>CSC 601 :</b> Software Engineering	<b>CSC 602 :</b> Data Communication and Computer Networks	--	<b>CSE614:</b> ADVANCED COMPUTER ARCHITECTURE <b>CSE615:</b> OPTIMIZATION TECHNIQUES <b>CSE616:</b> ARTIFICIAL INTELLIGENCE	<b>CSE617:</b> Advanced Algorithms <b>CSE622:</b> Soft Computing <b>CSE623:</b> Advanced Database Management Systems	
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING</b>	<b>ECC 601 :</b> Antenna and Wave Propagation	<b>ECC 602 :</b> VLSI Design	<b>ECC 603 :</b> Digital Signal Processing	<b>ECE610:</b> Artificial Intelligence and Soft Computing	<b>ECE612:</b> Advanced Digital Communication <b>ECE621:</b> Measurement and Instrumentation <b>CSE617:</b> Advanced Algorithms <b>CSE623:</b> Advanced Database Management Systems	<b>HSC 631:</b> Economics and Management Accountancy
<b>ELECTRICAL ENGINEERING</b>	<b>EEC 601 :</b> Advanced Power Systems	<b>EEC 602 :</b> Microprocessor and Microcontroller	--	<b>EEE613:</b> SPECIAL ELECTRICAL MACHINES <b>EEE615:</b> ADVANCED POWER ELECTRONICS	<b>EEE612:</b> Modern Control Systems <b>EEE616:</b> Soft Computing Theory and Applications <b>CSE617:</b> Advanced Algorithms <b>CSE622:</b> Soft Computing <b>ECE621:</b> Measurement and Instrumentation	
<b>MECHANICAL ENGINEERING</b>	<b>MEC 601 :</b> Power Plant Engineering	<b>MEC 602 :</b> Industrial Engineering and Measurement	--	<b>MEE 610:</b> Automobile Engineering <b>MEE 611:</b> Gas Dynamics and Propulsion <b>MEE 612:</b> Mechanics of forming and Press working <b>MEE 613:</b> Advanced Solid Mechanics	<b>MEE 620:</b> Advanced Foundry Engineering <b>MEE 623:</b> Multiphase flow and Heat Transfer <b>MEE 624:</b> Tribology <b>MEE 625:</b> Computer-Aided Design & Manufacturing	
<b>METALLURGY AND MATERIALS ENGINEERING</b>	<b>MMC 601 :</b> Steel Making	<b>MMC 602 :</b> Mechanical Working of Materials	--	<b>MME 610:</b> Engineering Materials <b>MME 612:</b> Alternative Routes of Iron making <b>MME 616:</b> Solidification Phenomena	<b>MME 613:</b> Production of Ferrous Alloys <b>MME 615:</b> Ceramic Technology <b>MME 617:</b> Metal Joining Processes	
<b>INTEGRATED M.Sc.</b>	<b>CYC 601:</b> Basics of Photochemistry, Spectroscopy, Group Theory and Data Analysis	<b>CYC 602 :</b> Coordination Chemistry	<b>CYC 603 :</b> Reagents in Organic Synthesis	<b>CYE611:</b> ANALYTICAL AND ENVIRONMENTAL CHEMISTRY		

# NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

## MID-TERM EXAMINATION SCHEDULE (ON-LINE)

8th SEMESTER B.TECH. /INTEGRATED M.Sc./DUAL DEGREE (REGULAR) EXAMINATION, 2021 - 2022

Duration of Online Examination : 90 minutes

Time Slot of Online Examination : Between 2.00 PM to 5.00 PM

DATE BRANCH	07/03/2022 (MONDAY)	09/03/2022 (WEDNESDAY)	10/03/2022 (THURSDAY)	11/03/2022 (FRIDAY)			
BIOTECHNOLOGY	<b>BTE810:</b> Plant Development Biology <b>BTE812:</b> Medical and Pharmaceutical Biotechnology <b>BTE814:</b> Bioethics and IPR	<b>Open Elective-4</b> <b>BTO840:</b> INDUSTRIAL BIOTECHNOLOGY <b>CEO840:</b> FINITE ELEMENT ANALYSIS AND APPLICATIONS <b>CHO841:</b> BIOENGINEERING & INDUSTRIAL APPLICATIONS <b>CSO844:</b> COMPILER DESIGN <b>ECO840:</b> STRUCTRONICS <b>EEO840:</b> CONCEPT OF ELECTRICAL MACHINES AND DRIVES <b>MEO841:</b> NONLINEAR DYNAMICAL SYSTEMS <b>MMO841:</b> MATERIAL SCIENCE <b>MSO841:</b> MARKETING RESEARCH AND ANALYTICS <b>PHO851:</b> FIBER-OPTICS COMMUNICATION		<b>Open Elective-5</b> <b>BTO850:</b> MEDICAL BIOTECHNOLOGY <b>CEO852:</b> RELIABILITY ENGINEERING <b>CHO851:</b> ENERGY, ENVIRONMENT & SUSTAINABILITY <b>CSO851:</b> MACHINE LEARNING <b>CSO855:</b> INFORMATION SECURITY <b>ECO850:</b> COMMUNICATION NETWORK <b>EEO850:</b> SOFT COMPUTING TECHNIQUES <b>HSO851:</b> LITERATURE AND CINEMA <b>HSO853:</b> PUBLIC SPEAKING <b>MSO851:</b> INVESTMENT MANAGEMENT AND STOCK MARKET <b>XEO851:</b> LEADERSHIP AND CORPORATE STRATEGY			
CHEMICAL ENGINEERING	<b>CHE 810:</b> Multiphase flow <b>CHE 811:</b> Process Analysis and Optimisation						
CIVIL ENGINEERING	<b>CEE810:</b> SEDIMENT TRANSPORT						
COMPUTER SCIENCE & ENGINEERING	<b>CSE811:</b> Distributed Systems <b>CSE814:</b> Internet of Things <b>CSE818:</b> Ethics, Society, and Computer Science						
ELECTRONICS & COMMUNICATION ENGINEERING	<b>ECE810:</b> Wireless Communication <b>ECE818:</b> Satellite Communication						
ELECTRICAL ENGINEERING	<b>EEE810:</b> POWER SYSTEM TRANSIENT AND POWER QUALITY <b>EEE811:</b> SMART GRID						
INFORMATION TECHNOLOGY	<b>CSE818:</b> Ethics, Society, and Computer Science						
MECHANICAL ENGINEERING	<b>MEE812:</b> Micro and Nano Manufacturing <b>MEE 813:</b> Microfluidics <b>MEE814:</b> Machine Tool Engineering and Automation <b>MEE 816:</b> Advanced Mechanical Vibration						
METALLURGICAL & MATERIALS ENGINEERING	<b>MME810:</b> Nano Science and Technology <b>MME813:</b> Raw Materials Preparation for Iron and Steel Making <b>MME814:</b> Experimental Techniques in Metallurgy						
INTEGRATED M.Sc.	<b>CYC 801 :</b> Chemical, Statistical Thermodynamics and Electrochemistry				<b>CYC 802 :</b> Organometallic Compounds and Bioinorganic Chemistry	<b>CYE812:</b> Spectroscopic methods of analysis	<b>CYC 803 :</b> Pericyclic Reactions and Organic Photochemistry

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