

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**

**MID TERM EXAMINATION**

**Fourth Semester BTech / Integrated MSc / Dual Degree (Regular) Examination, 2022-23**

**Duration of Examination: 90 Minutes**

**Time Slot: 2:00 pm am to 3:30 pm**

Date	20.02.2023 (Monday)	21.02.2023 (Tuesday)	22.02.2023 (Wednesday)	23.02.2023 (Thursday)	24.02.2023 (Friday)	25.02.2023 (Saturday)	26.02.2023 (Sunday)
Branch							
<b>Biotechnology</b>	<b>BTC401:</b> Molecular Biology and Recombinant DNA Technology	<b>BTC402:</b> Immunology	<b>CHC431:</b> Unit Operation of Chemical Engineering - I	<b>CSC431:</b> Programming and Data Structure	---	<b>BTO441:</b> Food Biotechnology <b>CHO441:</b> Process Heat Transfer <b>CEO440:</b> Introduction to Earthquake Engineering <b>CSO441:</b> Data Structures and Algorithms <b>EEO441:</b> Communication Engineering <b>EEO440:</b> Fundamental of Power System; <b>EEO443:</b> Network Theory <b>MAO441:</b> Discrete Mathematical Structures <b>PHO441:</b> Quantitative Biology	<b>CSO443:</b> Digital Computer Design
<b>Chemical Engineering</b>	<b>CHC401:</b> Heat Transfer	<b>CHC402:</b> Mechanical Operation	<b>CHC403:</b> Mass Transfer- I	<b>MEC432:</b> Mechanical Design of Equipment and Components	---		
<b>Civil Engineering</b>	<b>CEC401:</b> Structural Analysis-I	<b>CEC402:</b> Design of Concrete Structures	<b>CEC403:</b> Surveying	<b>CSC432:</b> Data Structure	---		
<b>Computer Science and Engineering</b>	<b>CSC401:</b> Computer Organization and Architecture	<b>CSC402:</b> Theory of Computation	<b>CSC403:</b> Design and Analysis of Algorithms	<b>CSC404:</b> Object Oriented Programming	<b>CSC405:</b> Signals and Systems		
<b>Electronics and Communication Engineering</b>	<b>ECC401:</b> Analog Communication	--	<b>ECC403:</b> Electromagnetic Theory and Transmission Lines	<b>EEC431:</b> Control Systems	<b>ECC402:</b> Digital Circuits and Systems		
<b>Electrical Engineering</b>	<b>EEC401:</b> Power Systems - I	<b>EEC402:</b> Electrical Machines - I	<b>EEC403:</b> Digital Electronics	<b>MEC431:</b> Fluid and Thermal Engineering	---		
<b>Mechanical Engineering</b>	<b>MEC401:</b> Design of Machine Element	<b>MEC402:</b> Casting, Forming and Welding	<b>MEC403:</b> Heat and Mass Transfer	<b>EEC432:</b> Electrical Machines	---		
<b>Metallurgical and Materials Engineering</b>	<b>MMC401:</b> Transport Phenomena in Metallurgical Processes	<b>MMC402:</b> Phase Transformation and Phase Equilibria	<b>MMC403:</b> Materials Characterization	<b>CSC433:</b> Data Structures	---		
<b>Integrated MSc</b>	<b>CYC401:</b> Biochemistry: Structure and Function	<b>CYC402:</b> Phase-Equilibrium, Chemical Kinetics and Catalysis	<b>CYC403:</b> Chemistry of Elements and Radioactivity	<b>CYC404:</b> Organic Reaction Mechanism and Reactive Intermediates	---		

**Instructions:**

(i) The examinees must carry their student identity cards in the examination hall.

(ii) Possession of any type of electronic gadgets including cell phone, smart watch etc. are strictly prohibited in the examination hall.



Dean (Academic Courses)  
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Date: 06.02.2023

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