

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

EXAMINATION SCHEDULE

4th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE (**REGULAR/BACKLOG**) EXAMINATION, 2020 - 2021

Duration of Online Examination : 2 Hrs. (120 minutes)

Time Slot of Online Examination : Between 8.15 AM to 12.15 PM

DATE BRANCH	03/05/2021 (MONDAY)	04/05/2021 (TUESDAY)	05/05/2021 (WEDNESDAY)	06/05/2021 (THURSDAY)	07/05/2021 (FRIDAY)	08/05/2021 (SATURDAY)
BIO TECHNOLOGY	BTC 401 : Molecular Biology and Recombinant DNA Technology	BTC 402 : Immunology	CHC 431 : Unit Operation of Chemical Engineering- I	CSC 431 : Programming and Data Structure		BTO441: FOOD BIOTECHNOLOGY CEO440 : INTRODUCTION TO EARTHQUAKE ENGINEERING CHO441: PROCESS HEAT TRANSFER CSO441: DATA STRUCTURES AND ALGORITHMS ECO441: COMMUNICATION ENGINEERING EEO440: FUNDAMENTALS OF POWER SYSTEMS MAO441: DISCRETE MATHEMATICS PHO441: QUANTITATIVE BIOLOGY
CHEMICAL ENGINEERING	CHC 401 : Heat Transfer	CHC 402 : Mechanical Operation	CHC 403 : Mass Transfer- I	MEC 432 : Mechanical Design of Equipment and Components		
CIVIL ENGINEERING	CEC 401 : Structural Analysis-I	CEC 402 : Design of Concrete Structures	CEC 403 : Surveying	CSC 432 : Data Structure		
COMPUTER SCIENCE & ENGINEERING	CSC 401 : Computer Organization and Architecture	CSC 402 : Theory of Computation	CSC 403 : Design and Analysis of Algorithms	CSC 404 : Object Oriented Programming	CSC 405 : Signals and Systems	
ELECTRONICS & COMMUNICATION ENGINEERING	ECC 401 : Analog Communication	ECC 402 : Digital Circuits and Systems	ECC 403 : Electromagnetic Theory and Transmission Lines	EEC 431 : Control Systems		
ELECTRICAL ENGINEERING	EEC 401 : Power Systems - I	EEC 402 : Electrical Machines - I	EEC 403 : Digital Electronics	MEC 431 : Fluid and Thermal Engineering		
MECHANICAL ENGINEERING	MEC 401 : Design of Machine Element	MEC 402 : Casting, Forming and Welding	MEC 403 : Heat and Mass Transfer	EEC 432 : Electrical Machines		
METALLURGY & MATERIALS ENGINEERING	MMC 401 : Transport Phenomena in Metallurgical Process	MMC 402 : Phase Transformation and Phase Equilibria	MMC 403 : Materials Characterization	CSC 433 : Data Structures		
INTEGRATED M.Sc.	CYC 401 : Biochemistry : Structure and function	CYC 402 : Phase-Equilibrium, Chemical Kinetics and Catalysis	CYC 403 : Chemistry of Elements and Radioactivity	CYC 404 : Organic Reaction Mechanism and Reactive Intermediates		

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EXAMINATION SCHEDULE

6th SEMESTER B.TECH./INTEGRATED M.Sc./DUAL DEGREE **(REGULAR/BACKLOG)** EXAMINATION 2020 - 2021

Duration of Online Examination : 2 Hrs. (120 minutes)

Time Slot of Online Examination : Between 1.30 PM to 5.30 PM

DATE	03/05/2021 (MONDAY)	04/05/2021 (TUESDAY)	05/05/2021 (WEDNESDAY)	06/05/2021 (THURSDAY)	07/05/2021 (FRIDAY)	08/05/2021 (SATURDAY)	09/05/2021 (SUNDAY)	
BRANCH								
BIOTECHNOLOGY	BTC601 : Bioinformatics	CSC631 : Database Management System	CHC 631 : Process Control and Instrumentation	BTE614 Molecular Virology, BTE610 Animal Biotechnology CSE615 Optimization Techniques	CSE623: Advanced Database Systems	HSC 631 : Economics and Management Accountancy	BTE613: Human Genomics BTE616: Nanobiotechnology	
CHEMICAL ENGINEERING	CHC 601 : Transport Phenomena	CHC 602 : Petroleum Refining and Petrochemicals	CHC 603 : Process Modelling and Simulation	CHE 610: Chemical Reactor Analysis CHE 612: Non-conventional Energy Engineering CHE-614: Artificial Intelligence in Chemical Industries				
CIVIL ENGINEERING	CEC 601 : Water Resource Engineering	CEC 602 : Foundation Engineering	CEC 603 : Environmental Engineering	CEE610: ADVANCED DESIGN OF CONCRETE STRUCTURES	CEE621: FINITE ELEMENT METHOD			
COMPUTER SCIENCE AND ENGINEERING	CSC 601 : Software Engineering	CSC 602 : Data Communication and Computer Networks		CSE614: ADVANCED COMPUTER ARCHITECTURE CSE615: OPTIMIZATION TECHNIQUES CSE616: ARTIFICIAL INTELLIGENCE	CSE617: Advanced Algorithms CSE622: Soft Computing CSE623: Advanced Database Management Systems			
ELECTRONICS & COMMUNICATION ENGINEERING	ECC 601 : Antenna and Wave Propagation	ECC 602 : VLSI Design	ECC 603 : Digital Signal Processing	ECE610: Artificial Intelligence and Soft Computing	ECE616 VLSI Technology EEE612: Modern Control Systems CSE617: Advanced Algorithms CSE622: Soft Computing			ECE612: Advanced Digital Communication
ELECTRICAL ENGINEERING	EEC 601 : Advanced Power Systems	EEC 602 : Microprocessor and Microcontroller	EEE613: SPECIAL ELECTRICAL MACHINES	EEE615: ADVANCED POWER ELECTRONICS	EEE612: Modern Control Systems			EEE616: SOFT COMPUTING THEORY AND APPLICATIONS
INFORMATION TECHNOLOGY	ITC 601 : Software Engineering	ITC 602: Computer Networks		ITE 613 : OPTIMIZATION TECHNIQUES	ITE 621: Advanced Database Systems			
MECHANICAL ENGINEERING	MEC 601 : Power Plant Engineering	MEC 602 : 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	MEE 620: Advanced Foundry Engineering MEE 623: Multiphase flow and Heat Transfer MEE 624: Tribology MEE 625: Computer-Aided Design & Manufacturing			
METALLURGY AND MATERIALS ENGINEERING	MMC 601 : Steel Making	MMC 602 : Mechanical Working of Materials		MME 610: Engineering Materials MME 612: Alternative Routes of Iron making MME 616: Solidification Phenomena	MME 613: Production of Ferroalloys MME 615: Ceramic Technology MME 617: Metal Joining Processes			
INTEGRATED M.Sc.	CYC 601: Basics of Photochemistry, Spectroscopy, Group Theory and Data Analysis	CYC 602 : Coordination Chemistry	CYC 603 : Reagents in Organic Synthesis	CYE611: ANALYTICAL AND ENVIRONMENTAL CHEMISTRY				

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8th SEMESTER B.TECH. /INTEGRATED M.Sc./DUAL DEGREE (**REGULAR/ BACKLOG**) EXAMINATION, 2020 - 2021

Duration of Online Examination : 2 Hrs. (120 minutes)

Time Slot of Online Examination : Between 1.30 PM to 5.30 PM

DATE BRANCH	03/05/2021 (MONDAY)	05/05/2021 (WEDNESDAY)	07/05/2021 (FRIDAY)	08/05/2021 (SATURDAY)
BIOTECHNOLOGY	BTE812 Medical and Pharmaceutical Biotechnology BTE813 GM Crops BTE815 Environmental Microbiome	<p style="text-align: center;">Open Elective-4</p> BTO840: INDUSTRIAL BIOTECHNOLOGY CEO840: FINITE ELEMENT ANALYSIS AND APPLICATIONS CHO841: BIOENGINEERING & INDUSTRIAL APPLICATIONS CSO844: COMPILER DESIGN ECO840: STRUCTRONICS EEO840: CONCEPT OF ELECTRICAL MACHINES AND DRIVES MEO841: NONLINEAR DYNAMICAL SYSTEMS MMO841: MATERIAL SCIENCE MSO841: MARKETING RESEARCH AND ANALYTICS	<p style="text-align: center;">Open Elective-5</p> BTO850: MEDICAL BIOTECHNOLOGY CEO852: RELIABILITY ENGINEERING CHO851: ENERGY, ENVIRONMENT & SUSTAINABILITY CSO851: MACHINE LEARNING CSO855: INFORMATION SECURITY ECO850: COMMUNICATION NETWORK EEO850: SOFT COMPUTING TECHNIQUES HSO851: LITERATURE AND CINEMA HSO853: PUBLIC SPEAKING MSO851: INVESTMENT MANAGEMENT AND STOCK MARKET PHO851: FIBER-OPTICS COMMUNICATION	
CHEMICAL ENGINEERING	CHE 810: Multiphase flow CHE 811: Process Analysis and Optimisation CHE 814: Nanotechnology			
CIVIL ENGINEERING	CEE810: SEDIMENT TRANSPORT			
COMPUTER SCIENCE & ENGINEERING	CSE813: Optical Networks CSE814: Internet of Things CSE818: Ethics, Society, and Computer Science ITE 817: Reinforcement Learning			
ELECTRONICS & COMMUNICATION ENGINEERING	ECE811: Mixed Signal IC Design ECE818: Satellite Communication			
ELECTRICAL ENGINEERING	EEE810: POWER SYSTEM TRANSIENT AND POWER QUALITY EEE811: SMART GRID			
INFORMATION TECHNOLOGY	CSE813: Optical Networks CSE814: Internet of Things CSE818: Ethics, Society, and Computer Science ITE 817: Reinforcement Learning			
MECHANICAL ENGINEERING	MEE 813: Microfluidics MEE814: Machine Tool Engineering and Automation MEE 815: Theory of Plates MEE 816: Advanced Mechanical Vibration			
METALLURGICAL & MATERIALS ENGINEERING	MME811: FEM Modelling and Simulation for Materials Design MME812-Mathematical Modelling and Simulation MME813-Raw Materials Preparation for Iron and Steel Making			
INTEGRATED M.Sc.	CYC 801 : Chemical, Statistical Thermodynamics and Electrochemistry			CYC 802 : Organometallic Compounds and Bioinorganic Chemistry