



**Office of the Dean Academic**  
**Indian Institute of Engineering Science and Technology, Shibpur**  
(Formerly Bengal Engineering & Science University, Shibpur)  
**P.O :Botanic Garden, Howrah – 711 103, West Bengal, India**  
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**Website : <https://www.iiests.ac.in>**

No. 410/ACAD/2023

Date: November 21, 2023

**NOTICE**

**Sub: Undergraduate (B.Tech & B.Arch) 1<sup>st</sup> Semester & Postgraduate (M.Tech/ M.Sc/MoP/MBA) 1<sup>st</sup> Semester & Ph.D. Coursework End Semester Examinations, 2023 to be held in December 2023 in OFFLINE MODE.**

This is to inform that the End Semester Examinations of Undergraduate (B.Tech & B.Arch) 1<sup>st</sup> Semester & Postgraduate (M.Tech/ M.Sc/MoP/MBA) 1<sup>st</sup> Semester and Ph.D. Coursework is scheduled to commence from 12<sup>th</sup> December 2023 and it will continue till 19<sup>th</sup> December 2023 in **OFFLINE MODE**. The programme of the said examinations is attached herewith.

The students/scholars are advised to bring the Student Identity Card in the examination venue. The students/scholars shall not be allowed to appear the said examinations without Student Identity Card.

This is issued with the concurrence of the Dean (Academic).

Sd/-  
Dr.Nirmalya Kumar Bhattacharyya  
Joint Registrar (Academic)

No. 410/ACAD/1(08)/2023

Date: November 21, 2023

Copy forwarded for information and necessary action to:

1. Office of the Director
2. The Dean(Student Welfare)
3. All Heads of the Departments/Schools/Centers
4. The Chairman-SUGC & SPGC
5. The Professor-In-Charge(Examination)
6. The Student Senate
7. The Academic Section-File
8. Institute Website

Joint Registrar (Academic)  
IIEST, Shibpur

OFFICE OF THE DEAN ACADEMIC  
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

**B.TECH/B.ARCH FIRST SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2023 –2024 TO BE HELD IN DECEMBER, 2023  
P R O G R A M M E**

**DATE OF COMMENCEMENT: 12.12.2023**

**TIME: 1.00 pm to 4.00 pm**

DATE	GROUP I	GROUP II	GROUP III	GROUP IV	GROUP V	GROUP VI	GROUP VII	GROUP VIII	ARCHITECTURE
12.12.2023	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	MATHEMATICS I (MA1101)	DESIGN FUNDAMENTALS (AP1101)
13.12.2023	PHYSICS (PH1101)	PHYSICS (PH1101)	PHYSICS (PH1101)	PHYSICS (PH1101)	PROFESSIONAL COMMUNICATION IN ENGLISH (HU1101)	PROFESSIONAL COMMUNICATION IN ENGLISH (HU1101)	PROFESSIONAL COMMUNICATION IN ENGLISH (HU1101)	PROFESSIONAL COMMUNICATION IN ENGLISH (HU1101)	MATERIALS AND METHODS OF CONSTRUCTIONS (AP1102)
14.12.2023	ECOLOGY & ENVIRONMENT (CE1101)	ECOLOGY & ENVIRONMENT (CE1101)	ECOLOGY & ENVIRONMENT (CE1101)	ECOLOGY & ENVIRONMENT (CE1101)	MECHANICS (AM1101)	MECHANICS (AM1101)	MECHANICS (AM1101)	MECHANICS (AM1101)	MATHEMATICS 1A (MA1102)
15.12.2023	BASIC ELECTRICAL ENGINEERING (EE1101)	BASIC ELECTRICAL ENGINEERING (EE1101)	BASIC ELECTRICAL ENGINEERING (EE1101)	BASIC ELECTRICAL ENGINEERING (EE1101)	INTRODUCTION TO COMPUTING (CS1101)	INTRODUCTION TO COMPUTING (CS1101)	INTRODUCTION TO COMPUTING (CS1101)	INTRODUCTION TO COMPUTING (CS1101)	ENGLISH FOR ENGINEERS (HU1103)
18.12.2023	SOCIOLOGY & PROFESSIONAL ETHICS (HU1102)	SOCIOLOGY & PROFESSIONAL ETHICS (HU1102)	SOCIOLOGY & PROFESSIONAL ETHICS (HU1102)	SOCIOLOGY & PROFESSIONAL ETHICS (HU1102)	CHEMISTRY (CH1101)	CHEMISTRY (CH1101)	CHEMISTRY (CH1101)	CHEMISTRY (CH1101)	ENGINEERING MECHANICS (AM1103)

*N. S. Chakravarty*

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**M.TECH/MOP/M.SC/MBA FIRST SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2023 –2024 TO BE HELD IN DECEMBER, 2023**  
PROGRAMME

DATE OF COMMENCEMENT: 12.12.2023

TIME: 01.00 pm to 04.00 pm

DATE	Chemistry	Applied Mathematics	Physics	Applied Geology	Food Processing & Nutrition Sciences	MBA	MOP	Applied Mechanics (MoS)
12.12.2023	CH5101 Quantum Mechanics and Molecular Spectroscopy	MA5101 Mathematical Analysis	PH5101 Mathematical Methods of Physics	ES5103 Structural Geology & Tectonics	CT5101 Basics of Food and Nutritional Science	MS5101 Principles of Management and Organizational Behavior	AP6101 Planning Theory	AM5101 Theory of Elasticity
13.12.2023	CH5102 Transition metal chemistry: Structure-bonding correlation, Magnetic properties and Bioinorganic chemistry	MA5102 Complex Analysis and Numerical Analysis	PH5102 Classical Mechanics	ES5102 Mineralogy & Geochemistry	CT5121 Nutritional Biochemistry	MS5102 Managerial Economics	AP6102 Transportation Planning	AM5121 Continuum Mechanics AM5122 Mechanics of Composite Materials
14.12.2023	CH5103 Stereochemistry, Reaction mechanism and Heterocyclic chemistry	<b>MA5121</b> Computational Techniques and Programming <b>MA5122</b> Probability and Statistical Methods	<b>PH5121</b> Gravitation and Astrophysics <b>PH5122</b> Interaction of Radiation with Matters: Detection of Charged and Neutral Particles <b>PH5123</b> Physics of Semiconductor Devices	ES5122 Engineering Geology	CT5102 Microbiology of Food	MS5104 Managerial Accounting	AP6104 Statistical Methods and Planning Techniques	AM5103 Finite Element Method in Solid Mechanics
15.12.2023	CH5121 Group theory and application of spectroscopy	MA5103 Linear Algebra and Abstract Algebra	PH5103 Quantum Mechanics-I	ES5101 Igneous Petrology & Phase Equilibria	CT5103 Food Chemistry and Analysis	MS5103 Quantitative Methods in Management	AP6103 Infrastructure, Network and Services	AM5102 Theory of Vibration
18.12.2023						MS5105 Marketing Management-I	<b>AP6121</b> Socio-Economic basis of Planning <b>AP6122</b> Disaster Mitigation Planning	
19.12.2023						MS5106 IT Management		

*N. Shrivastava*

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PROGRAMME

DATE OF COMMENCEMENT: 12.12.2023

TIME: 01.00 pm to 04.00 pm

DATE	VLSI Design	Mechatronics	EE (CSI)	EE (PES)	EE (PEMD)	Applied Mechanics (MoF)
12.12.2023	VL5101 Semiconductor Devices and Modeling	MC5101 Mechatronics System Design	EE5102 Theory of Discrete and Digital Systems	EE5104 Advanced Power System Analysis	EE5107 Advanced Power Electronics	AM5106 Viscous Fluid Flow
13.12.2023	VL5121 Advanced System Architecture	MC5102 Embedded System Application	EE5101 Modeling and Control of Physical Systems	EE5105 Power System Operation and Control	EE5101 Modeling and Control of Physical Systems	AM5107 Convective Heat Transfer
14.12.2023	VL5102 Analog VLSI Circuits	MC5103 Advanced Control Systems	EE5103 Advanced Process Control & Instrumentation	EE5106 Power Transmission and Power Quality	EE5108 Generalized Theory of Electrical Machines	AM5108 Methods in Computational Fluid Dynamics
15.12.2023	VL5103 Digital VLSI Circuits	MC5122 Fundamentals of Mechanical Engineering	EE5122: Advanced Computational Methods in Electrical Engineering  EE5124 Power Quality Studies in Electrical systems	EE5122: Advanced Computational Methods in Electrical Engineering  EE5124 Power Quality Studies in Electrical systems	EE5122: Advanced Computational Methods in Electrical Engineering  EE5124 Power Quality Studies in Electrical systems	AM5126 Turbo Machinerics

  
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P R O G R A M M E

**DATE OF COMMENCEMENT: 12.12.2023**

**TIME: 01.00 pm to 04.00 pm**

DATE	CE (Env Engg)	CE (Geotech. Engg)	CE (Struc. Engg)	CE (W.R. Engg)	CE (Trans. Engg)	ME (Thermal Engg)	ME (Machine Des)	ME (Manufac. Sc.)
12.12.2023		CE5105 Foundation Engineering	CE5101 Advanced Solid Mechanics		CE5107 Pavement Engineering I	ME5101 Advanced Engineering Thermodynamics	ME5108 Engineering Tribology	
13.12.2023	CE5111 Biological Processes in Wastewater Treatment	CE5104 Advanced Soil Mechanics	CE5102 Computational Methods in Structural Analysis		CE5108 Traffic System Analysis	ME 5124 Fuel Cell Technology	ME5107 Mechanical Vibration	
14.12.2023	CE5145 Management of Rural Water Supply and Sanitation	CE5129 Ground Improvement Techniques and Applications  CE 5132 Soil Exploration and Geo- Instrumentation	CE5122 Pre-stressed Concrete Structures		CE5138 Optimization in Transportation Engineering	ME5103 Internal Combustion Engine	ME5106 Advanced Solid Mechanics	
15.12.2023		CE5106 Dynamics of Soils and Machine Foundations	CE5103 Design of special reinforced Concrete Structures	CE5115 Water Resources Management with Remote Sensing, GIS and Spatial Statistics	CE5109 Urban Transportation Planning	ME5102 Viscous Flow Theory	ME5133 Biomechanics	ME5143 Computer Integrated Manufacturing Systems



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PROGRAMME

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TIME: 01.00 pm to 04.00 pm

DATE	Metallurgy & Materials Engineering (Materials Engineering)	Mineral and Energy Resources Engineering	Biomedical Engineering
12.12.2023	MM5101 Fundamentals of Materials	Evaluation of Mineral and Energy Resources MN5101	HC5101 Biomedical Imaging and Optics
13.12.2023	MM5102 Characterization of Materials	Engineering Design in Rock MN5102	HC5102 Fundamentals of Biomaterials
14.12.2023	MM5103 Thermodynamics and Kinetics of Materials	Planning and Design of Mines MN5103	HC5103 Cellular and Systems Physiology
15.12.2023	MM5122 Composite Materials	Physical Ergonomics in Mineral Industries MN5105	HC5121 Biomedical Sensors & Instrumentation

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**DATE OF COMMENCEMENT: 12.12.2023**

**TIME: 01.00 pm to 04.00 pm**

DATE	IT	ETC ( CE & SP )	ETC ( MW Comm)	ETC ( M.ETC&VLSI)	CSE	Renewable Energy Science and Technology
12.12.2023	IT5101 Algorithms	ET5101 Advanced Digital Communication	ET5104 Computational Electromagnetics	ET5107 Advanced Semiconductor Devices	CS 5106 Mathematics for Computer Science	GS5101 Renewable Energy Sources and Materials
13.12.2023	IT5102 Advanced Computer Architecture	ET5103 Probability and Random Processes for Signal Processing	ET5105 Microwave Devices and Circuits	ET5108 Analog VLSI Design	CS5101 Advanced Algorithms	GS5102 Solar Cells and Photovoltaic Technologies
14.12.2023	IT5121 Soft computing Techniques IT5125 Information and Coding Theory	ET5102 Advanced Digital Signal Processing	ET5106 Advanced Antenna Engineering	ET5110 VLSI Fabrication Technology	CS5110 High Performance Computing	GS5121 Solar Photovoltaic Power Plants Design and performance
15.12.2023	IT5103 Advanced Communication Systems	Optical Communication and Networking (ET 5121) VLSI for Signal Processing (ET5123)	Optical Communication and Networking (ET 5121) VLSI for Signal Processing (ET5123)	Optical Communication and Networking (ET 5121) VLSI for Signal Processing (ET5123)	CS 5127 Cryptography and Network Security	GS5103 Energy from Wind and Biomass

  
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TIME: 01.00 pm to 04.00 pm

18.12.2023

Basics and Applications of Quantum Mechanics, PH5162

Climate Change Impact Analysis, CE5161

Cryptographic Techniques, IT 5163

Renewable Energy ME5161

Discrete Mathematics, MA5161

Fundamentals of Renewable Energy and its Impact on Environment, GS - 5161

Human Body Mechanics, AM5162

Introduction to General Management, MS5161

Soft Computing, CS 5161

Technical and Research Writing for Engineers HU 5162

Introduction to Earth Materials ES5161

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PH.D. COURSEWORK END SEMESTER EXAMINATION FOR THE SESSION 2023 –2024 TO BE HELD IN DECEMBER, 2023

PROGRAMME

DATE OF COMMENCEMENT: 12.12.2023

TIME: 1.00 pm to 4.00 pm

DATE	CHEMISTRY [Venue : Gallery 03, AE & AM Department, 1 <sup>st</sup> Floor]	PHYSICS [Venue : Gallery 07, ETC Department, 1 <sup>st</sup> Floor]	HSS [Venue : Gallery 07, ETC Department, 1 <sup>st</sup> Floor]	HSS/MATHEMATICS
12.12.2023	Advanced Spectroscopic Techniques for Structure Determination <b>CH8101</b>	Fiber Optics in Linear and Non-linear Domain <b>PH8107</b>		
13.12.2023	Synthetic Strategies in Organic & Inorganic Chemistry <b>CH8102</b>	Computational Physics in Matlab <b>PH8104.</b>		
14.12.2023	Modern Concepts in Organic Synthesis <b>CH8105</b>	Physics and Applications of Nanoscopic Solids <b>PH8101</b> Quantum many body theory <b>PH8102</b>		
15.12.2023	Advanced Energy Materials <b>CH8103</b>		Principles of Literary Theory and Criticism" <b>HU8121</b>	
19.12.2023				Research Methodology & Technical Writing <b>MA8101</b> <b>[Venue : L102]</b>

**Note: 1. The Coursework subjects which are common to PG Courses have been reflected in PG Programme.**

**2. The seating arrangement shall be made as per the venue of the examinations of the concerned subject of PG Programme. The seating arrangement of the subject MA8101 shall be made in L102 GROUND FLOOR (LECTURE HALL COMPLEX).**



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