



Office of the Dean Academic
Indian Institute of Engineering Science and Technology, Shibpur
(Formerly Bengal Engineering & Science University, Shibpur)
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Website : <https://www.iiests.ac.in>

No. 156/ACAD/2023

Date: April 05, 2023

NOTICE

Sub: Undergraduate (B.Tech & B.Arch) 4th, 6th & 8th Semester, Postgraduate M.Tech./MoP/M.Sc/MBA 2nd Semester, Postgraduate M.Sc/MBA 4th Semester, DD 10th Semester & Ph.D. Coursework (common with PG subjects only) End Semester Examinations, 2023 to be held in May 2023 in OFFLINE MODE.

This is to inform that the End Semester Examinations of Undergraduate (B.Tech & B.Arch) 4th, 6th & 8th Semester, Postgraduate M.Tech./MoP/M.Sc/MBA 2nd Semester, Postgraduate M.Sc/MBA 4th Semester, DD 10th Semester & Ph.D. Coursework (common with PG subjects only) is scheduled to commence from 1st May 2023 and it will continue till 15th May 2023 in **OFFLINE MODE**. The detail programme of the said examinations is attached herewith.

The students are instructed to bring the Student Identity Card and without Identity Card, no students shall be allowed to appear in the said examinations. The Examination venue shall be communicated shortly.

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

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

No. 156/ACAD/1(08)/2023

Date: April 05, 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 FOURTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022–2023 TO BE HELD IN MAY 2023

PROGRAMME

DATE OF COMMENCEMENT: 02 .05.2023

TIME: 10.00 AM - 1.00 PM

DATE	CE	ME	MET	MIN	AE	EE	ETC	CST	IT
02.05.2023	Structural Analysis I CE2201	Fluid Mechanics AM 2201	Principles of Extractive Metallurgy MM2205	Geology ES2202	Fundamentals of Viscous Flow AE 2201	Electrical Machines –II EE2201	Analog Electronics ET2201	Design and Analysis of Algorithm CS2201	Communication Systems IT 2201
04.05.2023	Geotechnical Engineering I CE2202	Applied Thermodynamics ME2201	Heat Treatment MM2206	Heat Power and theory of Machines ME2205	Advanced Strength of Materials AE 2202	Network Theory EE2202	Digital Electronics ET2202	Computer Architecture and Organization – I CS2202	Computer Organization and Architecture IT2202
08.05.2023	Environmental Engineering I CE2203	Kinematics of Mechanisms and Robots ME2202	Deformation Behaviour of Materials MM2207	Fluid Mechanics and Fluid Machines AM2202	Theory of Vibration AE 2203	Analog Electronics EE2203	Microelectroni cs Technology ET2203	Programmin g Paradigms CS2203	Computer Graphics IT2203
09.05.2023	Water Resources Engineering– I CE2204	Fundamentals of Machine Design ME2203	Computational Materials Engineering MM2208	Underground Coal Mining MN2204	Engineering Thermodynami cs AE 2204	Control Systems I EE2204	Electronic Instrumentatio n and Control ET2204	Theory of Computation CS2204	Formal language and Automata Theory IT2204
11.05.2023	Geology for Civil Engineering ES2201	Engineering Materials and Processes ME2204	Iron Making MM2209	Underground Mine Environment MN2205	Aircraft Performance AE 2205	Digital Electronics EE2205	Electromagnet ic Theory and Radio Wave Propagation ET2205	Introduction to Data Science CS2205	Object Oriented System Design IT2205

N. K. Chakravarty

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INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

B.TECH SIXTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022–2023 TO BE HELD IN MAY 2023

PROGRAMME

DATE OF COMMENCEMENT: 01 .05.2023

TIME: 10.00 AM - 1.00 PM

Date	ME	AE	MET	MIN	CE	EE	ETC	CST	IT
01.05.2023	Internal Combustion Engines And Jet Propulsion (ME3201)	High Speed Aerodynamics AE 3201	Mechanical Testing of Materials MM3214	Metalliferous Mining MN3201	Design of Steel Structures CE3201	Electric Drives EE3201	Digital Signal Processing ET3201	Operating Systems CS3201	Compilers IT3201
03.05.2023	Design Of Frictional Machine Elements (ME3202)	Theory of Propulsion AE 3202	Alloy Steel and Cast Iron MM3215	Opencast Mining Machinery MN3202	Geotechnical Engineering II CE3202	Power System II EE3202	VLSI and CAD ET3202	Data Communication and Computer Network CS3202	Computer Networks IT3202
08.05.2023	Modelling and Control of Mechanical Systems (ME3203)	Aerospace Structures AE 3203	Physical Metallurgy of Non-Ferrous Alloys MM3216	Rock Mechanics MN3203	Transportation Engineering II CE3203	Switchgear and Power System Protection EE3203	Wireless and Mobile Communications ET3203	Software Engineering CS3203	Software Engineering IT3203
10.05.2023	Manufacturing Technology (ME3204)	Introduction to FEM and Applications AE 3204	Materials Characterization MM3217	Environmental Engineering of Mines MN3204	Estimation, Valuation and Project Management CE3204	Microprocessor & Micro controller EE3204	Computer and Communication Networks ET3204	Information Security and Cryptography CS3204	High Performance Computer Arch IT3204
12.05.2023	Fluid Power Engineering AM 3201	Orbital Mechanics AE 3205	Metal Forming Technology MM3218	Mine management Legislation and general safety MN3205	Numerical Methods in Civil Engineering CE3205	Transducers and Instrumentation EE3205	Computer Organization and Architecture ET3205	Nature Inspired Algorithms (CS3221)	Machine Learning IT3205

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B.TECH EIGHTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022–2023 TO BE HELD IN MAY 2023

PROGRAMME

DATE OF COMMENCEMENT: 02 .05.2023

TIME: 10.00 AM - 1.00 PM

Date	ME	AE	CE	MET	MIN	EE	ETC	CST	IT
02.05.2023	HU4201 Finance, Economics And Management For Engineers	Turbulent Flow(AE4201)	HU4201 Finance, Economics And Management For Engineers	Design and Selection of Materials (MM4221)	HU4201 Finance, Economics And Management For Engineers	Power System Planning and Reliability (EE4201)	Optoelectronic s and Optical Communicatio n(ET4201)	Artificial Intelligence (CS4201)	Artificial Intelligence (IT4201)
04.05.2023	Power Plant Engineering (ME4221) Manufacturi ng Automation (ME4222) Introduction to Biomechani cs (ME 4226)	Spacecraft Dynamics (AE 4221) Fundament als of Combustion in Propulsion (AE 4224)	CE 4221: Bridge Engineering CE 4224: Behavior of metal structures CE 4227: Environmental Geotechnology CE 4228: Geotechnical Investigations and Instrumentation CE 4230: Road Safety Engineering CE 4231: Rural Water Supply and Sanitation CE 4232: Hydraulic Structures	Non- destructive Characterizat ion (MM4230)	MN 4221 Material Handling and transport MN 4222 Remote sensing and image processing MN 4223 Environmental impact assessment and management of mining project	Advanced Programming in Electrical Engineering (EE4221) Soft Computing and Intelligent System(EE4222) Digital Communication in Electrical Systems(EE4223)	Smart Antennas (ET4223)	Reconfigurable Computing CS4225	Real Time Systems (IT4222) Deep Learning (IT4224) Intelligent Transportation and Smart Systems (IT4226)


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B.TECH EIGHTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022-2023 TO BE HELD IN MAY 2023

P R O G R A M M E

DATE OF COMMENCEMENT: 02 .05.2023

TIME: 10.00 AM - 1.00 PM

Date of Examination	Allotted Open Elective Subject
11.05.2023	CE4263 - Transportation in Logistics and Supply Chain Management
	CE4265 - Slope Stability and Underground Space Technology
	CS4261 - Data Mining
	EE 4261 - Electricity Conservation and Environmental Management
	ET4261 - Satellite Communications
	IT4267 - Mobile Computing
	ME4261 - Energy Storage Technology
	MM4262 - Biomaterials
	MM4263 - Engineering Composite Materials
	MS 4262 - Entrepreneurship and Innovation Management
	MS4261 - Introduction to Marketing Management
	PH4261 - Nonlinear Dynamics: Chaos and Fractals
	PH4262 - Fiber Optics and its Applications

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B.TECH EIGHTH SEMESTER END SEMESTER EXAMINATION (UNDER OLD REGULATION) FOR THE SESSION 2022–2023 TO BE HELD IN MAY, 2023

P R O G R A M M E

DATE OF COMMENCEMENT: 02 .05.2023

TIME: 10.00 AM - 1.00 PM

Date	CST
02.05.2023	Artificial Intelligence (CS801)
04.05.2023	Natural Language Processing (CS821/6)
11.05.2023	Big Data Analytics (CS822/1)
12.05.2023	Accounting & Financial Management (HU7801)


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B. ARCH FOURTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022-2023 TO BE HELD IN MAY 2023

PROGRAMME

DATE OF COMMENCEMENT: 02.05.2023

TIME: 10.00 AM - 1.00 PM

DATE	ARCHITECTURE
02.05.2023	Evolution of Architecture II AP2201
04.05.2023	Materials and Methods of Construction IV AP2202
08.05.2023	Climatology AP2203
09.05.2023	Building Services I: Illumination and Electrical Installations AP2204
11.05.2023	Design of Reinforced Concrete Structures CE2217

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B. ARCH SIXTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022–2023 TO BE HELD IN MAY 2023

PROGRAMME

DATE OF COMMENCEMENT: 01.05.2023

TIME: 10.00 AM - 1.00 PM

DATE	ARCHITECTURE
01.05.2023	AP3201 Evolution of Architecture
03.05.2023	AP3202 Valuation of Real Properties
08.05.2023	AP3203 Energy Efficient Architecture
10.05.2023	AP3204 Disaster Resistant Architecture

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M.SC/MBA SECOND SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022 –2023 TO BE HELD IN MAY, 2023
P R O G R A M M E

DATE OF COMMENCEMENT: 01.05.2023

TIME: 10.00 AM to 100 PM

DATE	Chemistry	Applied Mathematics	Physics	Food Processing & Nutrition Sciences	MBA
01.05.2023					MS5201 Human Resource Management
02.05.2023	CH5201 Classical and statistical thermodynamics, surface and bio-physical chemistry	MA5201 Ordinary Differential Equations and Dynamical System	PH5201 Electromagnetic Theory	CT5201 Food Processing Principles and Application	MS5202 Operations Research
04.05.2023	CH5202 Organometallics, Homogeneous catalysis and Solid state chemistry	MA5202 Partial Differential Equations and Calculus of Variation	PH5202 Electronic Devices and Circuits	CT5202 Food Preservation Principles and Application	MS5203 Marketing Management-II
09.05.2023	CH5203 Synthetic Organic Chemistry	MA5203 Topology and Tensor Analysis	PH5203: Quantum Mechanics-II	CT5203 Nutrition and Human Development	MS5205 Production and Operations Management
11.05.2023	CH5221 Green chemistry, Pericyclic reactions and Organic photochemistry CH5222 Photophysical processes and Polymer chemistry CH5223 Advanced bioinorganic and Inorganic supramolecular chemistry	MA5221 Mathematical Biology MA5222 Mathematical Optimization Techniques	PH5222 Computational Physics PH5224 Plasma Physics	Microbial Enzyme Technology (CT 5221)	MS5206 Business Environment and Legal System
15.05.2023					MS5204 Financial Management

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M.TECH/MOP SECOND SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022 –2023 TO BE HELD IN MAY, 2023
PROGRAMME

DATE OF COMMENCEMENT: 01.05.2023

TIME: 10.00 AM to 1.00 PM

DATE	VLSI Design	Mechatronics	EE (CSI)	EE (PES)	EE (PEMD)	Applied Mechanics (MoF)	MOP	Applied Mechanics (MoS)
01.05.2023							AP6201 Metropolitan and Regional Planning	AM5203 Mechanics of Plates and Shells
03.05.2023	VL5202 IC Technology	MC5201 Robotics	EE5201 Optimal & Robust Control Theory	EE5205 Power System Stability, Security and High Voltage Engineering	EE5207 Advanced Electrical Drives	AM5215 Fluid Power Control System	AP6202 Environmental Planning	AM5201 Theory of Plasticity
08.05.2023	VL5201 VLSI Physical Design	MC5202 Machine Learning in Mechatronics	EE5202 Signal and Image Processing for Instrumentation and Control	EE5204 Advanced Power System Protection	EE5208 Special Topics in Power Electronics	AM5216 Theory of Turbulence	AP6203 Planning Legislation and Professional Practice	AM5202 Theory of Elastic Stability
10.05.2023	VL5203 Testing and Verification	MC5203 Signal Processing and Applications	EE5203 Optimal Filtering & Stochastic Processes	EE5206 Smart Grid Technologies and Energy Informatics	EE5209 Selected Machines for Electric Vehicle and Wind Power Applications	AM5217 Compressible Flow	AP6222 Rural Development and Planning	
12.05.2023	VL5223 RF IC Design	MC5221 CAD/CAM Automation and Prototype Development	EE5222 Nonlinear Control Theory EE5226 Power Electronic Converters for Bulk Power Conditioning	EE5222 Nonlinear Control Theory EE5226 Power Electronic Converters for Bulk Power Conditioning	EE5222 Nonlinear Control Theory EE5226 Power Electronic Converters for Bulk Power Conditioning	Microfluidics (AM5248)	AP6204 Housing and Urban Renewal	AM5242 Advanced Finite Element Method in Solid Mechanics

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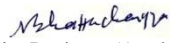
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M.TECH/MOP SECOND SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022 –2023 TO BE HELD IN MAY, 2023
PROGRAMME

DATE OF COMMENCEMENT: 03.05.2023

TIME: 10.00 AM to 1.00 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.)
03.05.2023	CE5210 Industrial Pollution Control	CE5204 Applied Geotechnical Engineering	CE5201 Advanced Structural Mechanics	CE5213 Water Resources Planning and Management	CE5207 Pavement Engineering II	ME 5201 Refrigeration and Air- Conditioning	ME 5206 Fatigue, Creep and Fracture Mechanics	ME 5211 Energy Beam Processing of Materials
08.05.2023	CE5211 Air Pollution and Control	CE5205 Analysis and Design of Special Foundations	CE5202 Structural Dynamics	CE5214 Ground Water Hydrology and Water Resources Development	CE5208 Traffic System Design and Management	ME 5202 Advanced Heat Transfer	ME 5207 Geometric Modelling For CAD	ME 5212 Advanced Operations Research
10.05.2023	CE5212 Solid and Hazardous Waste Management	CE5229 Geotechnical Earthquake Engineering CE5230 Environmental Geotechnics	CE 5221 Reliability Based Analysis and Design CE 5224 Bridge Engineering	CE5254 Storm water Management	CE5239 Intelligent Transportation Systems	ME 5203 Gas Turbines and Compressors	ME 5208 Nonlinear Dynamics	ME5213 Metal Forming
12.05.2023	CE5245 Process and Hydraulic Design of Water and Wastewater Systems	CE5206 Elasticity and Plasticity	CE5203 Design and Behavior of Metal Structures	CE5215 Hydrology of Extreme Events and Mitigation Measures	CE5209 Transport Economics and Project Evaluation	Numerical Heat Transfer (ME5222)	ME5233 Composite Materials & Industrial Tribology (ME5235)	Advanced Machining Technology (ME5247)


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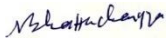
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M.TECH/MOP SECOND SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022 –2023 TO BE HELD IN MAY, 2023
PROGRAMME

DATE OF COMMENCEMENT: 03.05.2023

TIME: 10.00 AM to 1.00 PM

DATE	METALLURGY (Materials Engineering)	METALLURGY (Manufacturing Technology)	Geoinformatics	Biomedical Engineering	Mining Engineering
03.05.2023	MM5201 Manufacturing Processes	MM5201 Manufacturing Processes	MN5206 Advanced Geographical Information System	HC5201 Nano and Micro-fabrication Techniques	Geomechanics of Hydrocarbon Reservoirs(MN5205)
08.05.2023	MM5202 Mechanical Behavior of Materials	MM5202 Mechanical Behavior of Materials	MN5207 Digital Image processing	HC5202 Data Analytics and Soft Computing	
10.05.2023	MM5203 Multiscale Materials Modeling	MM5203 Multiscale Materials Modeling	MN5208 Geostatistics and Web GIS	HC5203 Implant Biomaterials and Medical Device Designing	
12.05.2023	MM5223 Surface Treatment And Modification	MM5224 Joining Technology	MN5225 GIS & RS Application to natural resources	HC5222 Tissue Engineering and Mechanobiology HC5223 Bioinformatics, Drug Design and Functional Genomics	


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PROGRAMME

DATE OF COMMENCEMENT: 03.05.2023

TIME: 10.00 AM to 1.00 PM

DATE	IT	ETC (CE& SP)	ETC (MW Comm)	ETC (M.ETC&VLSI)	CSE	Green Energy
03.05.2023	IT 5201 Advanced Database Management System	ET5201 Information Theory and Coding	ET5204 Microwave Integrated Circuits	ET5207 Digital VLSI Design	CS 5202 Real Time Systems	GS -5201 Instrumentation and Control in Energy Systems
08.05.2023	IT 5202 Network and Information Security	ET5202 Digital Voice and Picture Communication	ET5205 Advanced wave propagation and Electromagnetic Metamaterials	ET5210 Low Power VLSI Design	CS 5205 Advanced Database Management System	GS -5202 Fuel Cells, Hydrogen Energy and Energy Storage
10.05.2023	IT 5203 Internet and Distributed Computing	ET5203 Wireless Networks	ET5206 Radar Engineering	ET5211 VLSI Physical Design	CS 5209 Advanced Networking	GS -5203 Smart Microgrid Systems: Design and Performance
12.05.2023	(IT 5222) Mobile Computing (IT 5225) Machine Learning	Computer Networks (ET5221)	Computer Networks (ET5221) RF IC and RF MEMS (ET5224)	Computer Networks (ET5221) RF IC and RF MEMS (ET5224)	CS 5227 Big Data Analytics	GS -5224 Advanced Solar Cell Concepts and Related Technology

M. Shastri
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DATE OF COMMENCEMENT: 01.05.2023

TIME: 10.00 AM to 1.00 PM

15.05.2023	OPEN ELECTIVE SUBJECTS
	Data Mining and Knowledge Discovery (CS5261)
	Non-destructive testing(MM5263)
	Optoelectronics and Photonics (ET 5261)
	Life through ages(ES5261)
	Introduction to Intellectual Property Right
	Biomedical Materials and Devices(MM5262)
	Advanced Optimization with Applications in Science and Technology(MA5261)
	Spectroscopy for chemical analysis(CH5261)
	Free Surface Flow(AM5263)
	CAD algorithms for VLSI(IT5261)
	Industrial Robotics(ME5261)
	Digital Image Processing of Remote Sensing Data(MN5262)
	Power supplies for Electrical Equipment (EE5262)
Plastic and Electronic Waste Management(CE5261)	

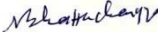
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M.SC & MBA FOURTH SEMESTER END SEMESTER EXAMINATION FOR THE SESSION 2022 –2023 TO BE HELD IN MAY, 2023
 P R O G R A M M E

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TIME: 10.00 AM to 1.00 PM

DATE	Chemistry(4 th)	Applied Mathematics(4 th)	Physics(4 th)	Food Processing & Nutrition Sciences (4 th)	MBA(4 th)
01.05.2023					MS6201 Strategic Management
02.05.2023	CH6201Molecular quantum mechanics and Statistical mechanics	MA6201Electrodynamics and Classical Mechanics	PH6201 Statistical Mechanics	CT6201 Food Industry Effluents and Waste Treatments	MS6224 Advanced Marketing Management
04.05.2023	CH6202Chemistry of f-block elements , inorganic photochemistry, clusters and crystallography				MS6221 Financial Markets, Institutions and Services MS6225 Advanced Human Resource Management MS6227 Technology Management
09.05.2023	CH6203 Advanced methods in organic synthesis				MS6223 Advertising, Sales and Distribution Management
11.05.2023	CH6222Principles and applications of electrochemistry CH6223Advanced Inorganic chemistry CH6224Medicinal chemistry and synthesis of selective drugs	MA6221 Waves and Vibrations in Elastic Media MA6222 Advanced Fluid Dynamics	PH6221Physics of Materials PH6222Nuclear Physics and Nuclear Astrophysics PH6223Field Theory and Particle Physics PH6224 Advanced Condensed Matter Physics	CT6223 Nano Technology in Food	MS 6222 International Financial Management MS6226 Corporate Human Resource Planning and HRD Audit MS6228 Service Operations Management


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