



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
Telephone: (033) 2668-4561-63, 2668-0521-25, Fax: (033) 2668-0637
Website : <https://www.iiests.ac.in>

No. 2008/Exam

Date: October 29, 2021

NOTICE FOR MID TERM EXAMINATIONS

Mid Term Examination of Undergraduate 3rd Semester (B.Tech. & B.Arch.) Courses, DD 7th & 9th Semester Courses (for the subject(s) common with M.Tech. 1st Semester), Postgraduate 1st Semester (M.Tech./MOP/M.Sc./MBA) Courses & Ph.D. Coursework.

This is for information to all concerned that the Mid Term Examination of Undergraduate 3rd Semester (B.Tech. & B.Arch.) Courses, DD 7th & 9th Semester Courses (for the subject(s) common with M.Tech. 1st Semester), Postgraduate 1st Semester (M.Tech./MOP/M.Sc./MBA) Courses & Ph.D. Coursework shall commence from November 08, 2021 and will continue till November 13, 2021. The Examinations shall be held in **ONLINE** mode as per the following protocol:

- i) The examination shall be conducted as per the programme attached herewith.
- ii) For conducting the examination a separate Google Classroom shall be created and the students shall be added in that Classroom.
- iii) Examination Meeting Links shall be provided to the G-suite IDs of the concerned students by 06.11.2021. If any student fails to receive the links of any paper by 07.11.2021 morning, he/she shall send an email from his/her G-Suite ID to the Head of his/her parent department with a copy to Professor-In-Charge (Examination) [pic.examination@iiests.ac.in]. If any discrepancy is found by any of the students, he/she shall bring it to the notice of the Professor-In-Charge (Examination) [pic.examination@iiests.ac.in] by 07.11.2021.
- iv) Each student must join at least Ten (10) minutes before the schedule examination time. Duration of examination is forty five (45) minutes and another fifteen (15) minutes shall be given to upload the scanned answer scripts.
- v) Each student shall write the answers on plain papers of standard A4 size or full size paper of big exercise book using pen so that the scanned document is properly readable. In the top sheet, the following information must be written by the examinee before the commencement of the examination:
 - Name of the Examination
 - Name of the Subject
 - Subject Code
 - Date of Examination
 - Name of the Student
 - Examination Roll Number
 - G Suite ID
 - Number of Sheets uploaded

- vi) During the entire period of examination, **camera of your device has to be kept on and audio to be kept OFF** and you shall be proctored by the faculty members. Adoption of any unfair means shall be dealt with as per Institute rules and practices.
- vii) Sharing and copying answers or part thereof shall be treated as adoption of unfair means and shall be liable to cancellation.
- viii) The examinees shall not communicate with each other during the examinations and also shall not be allowed with any kind of Chat.
- ix) The meeting at the time of the examinations shall be recorded.
- x) The students are advised to upload answer scripts in PDF/JPEG format preferably in PDF Format.

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

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

No. 2008/1(6) Exam

Date: October 29, 2021

Copy forwarded for information and necessary action to:

1. PS to the Director
2. All Heads of the Departments/Centers/Schools
3. The Chairman- SUGC & SPGC
4. The Professor-In-Charge(Examinations)
5. The Student Senate
6. Institute Website



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OFFICE OF THE DEAN ACADEMIC

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR


B.TECH THIRD SEMESTER MID-TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021

PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 10.00 am to 10.45 am [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	CE	ME	MET	MIN	AE	EE	ETC	CST	IT
08.11.2021	Mathematics – III MA2101	Mathematics – III MA 2101	Mathematics-III MA2101	Mathematics – III MA 2101	Mathematics – III MA 2101	Mathematics III MA 2101	Mathematics III MA2101	Mathematics – III MA2101	Mathematics – III MA2101
09.11.2021	Solid Mechanics AM2103.	Strength of Materials AM 2101	Metallurgical Thermodynamics MM2101	Electro Technology in Mining EE2105	. Strength of Materials AM2101	Electrical and Electronic Measurements EE2101	Electronic Devices ET2103	Discrete Structures CS2101	Data Structure and Algorithms IT2101
10.11.2021	Fluid Mechanics AM2104	Dynamics AM 2102	Transport Phenomena and Rate Processes MM2102	Exploration and Shaft Sinking MN2102	Dynamics AM2102	Electrical Machines I EE2102	Basic Electronics ET2102	Digital Logic CS2102	Digital Logic and Circuit Design IT2102
11.11.2021	Surveying CE2101.	. Basic Thermodynamics ME2101	Physical Metallurgy of Ferrous Alloys MM2103	Mine Support MN2103	Fluid Dynamics AE 2101	Classical Electrodynamics EE2103	Network Theory ET2101	Data Structures CS2103	Discrete Mathematics and Graph Theory IT2103
12.11.2021	Civil Engineering Materials CE2102	Numerical Methods in Engineering ME2102	Physics of Materials MM2104	Drilling and Blasting MN2104	Basic Flight Mechanics AE 2102	Signals and Systems EE2104	Signals and Systems ET2104	Signals and Systems CS2104	Signals and Systems IT2104


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B.ARCH 3RD SEMESTER MID- TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021

P R O G R A M M E

DATE OF COMMENCEMENT: 08.11.2021

TIME: 10.00 am to 10.45 am [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	THIRD SEMESTER
08.11.2021	AP2101 Evolution of Architecture I
09.11.2021	AP2102 Materials and Methods of Construction III
10.11.2021	AP2103 Landscape Architecture and Site Planning
11.11.2021	AP2104 Plumbing Services
12.11.2021	CE2117 Structural Analysis
13.11.2021	CE2118 Surveying


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M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	Chemistry	Applied Mathematics	Physics	Applied Geology	Food Processing & Nutrition Sciences	MBA	MOP	Applied Mechanics (MoS)
08.11.2021	CH5101 Quantum Mechanics and Molecular Spectroscopy	MA5101 Mathematical Analysis	PH5101 Mathematical Methods of Physics	ES5101 Igneous Petrology & Phase Equilibria	CT5101 Basics of Food and Nutritional Science	MS5101 Principles of Management and Organisational Behaviour	AP6101 Planning Theory	AM5101 Theory of Elasticity
09.11.2021	CH5102 Transition metal chemistry: Structure-bonding correlation, Magnetic properties and Bioinorganic chemistry	MA5102 Complex Analysis and Numerical Analysis	PH5102 Classical Mechanics	ES5102 Mineralogy & Geochemistry	CT5102 Microbiology of Food	MS5102 Managerial Economics	AP6102 Transportation Planning	AM5102 Theory of Vibration
10.11.2021						MS5105 Marketing Management-I	AP6121 Socio-Economic Basis of Planning AP6122 Disaster Mitig. Planning	
11.11.2021	CH5103 Stereochemistry, Reaction mechanism and Heterocyclic chemistry	MA5103 Linear Algebra and Abstract Algebra	PH5103 Quantum Mechanics-I	ES5103 Structural Geology & Tectonics	CT5103 Food Chemistry and Analysis	MS5103 Quantitative Methods in Management	AP6103 Infrastructure, Network and Services	AM5103 Finite Element Method in Solid Mechanics
12.11.2021	CH5121 Group theory and application of spectroscopy	MA5121 Computational Techniques and Programming MA5122 Probability and Statistical Methods (Some Selected Topics)	PH5121 Gravitation and Astrophysics PH5122 Interaction of Radiation with Matters: Detection of Charged and Neutral Particles PH5123 Physics of Semiconductor Devices PH5124 Laser, Fiber Optics and their Applications	ES5122 Engineering Geology	CT5121 Nutritional Biochemistry CT5122 Nutrition and Dietetics	MS5104 Managerial Accounting	AP6104 Statistical Methods and Planning Techniques	AM5121 Continuum Mechanics
13.11.2021						MS5106 IT Management		

N. Sankar
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M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	VLSI Design	Mechatronics	EE (CSI)	EE (PES)	EE (PEMD)	Applied Mechanics (MoF)
08.11.2021	VL5101 Semiconductor Devices and Modeling	MC5101 Mechatronics System Design	EE5101 Modeling and Control of Physical Systems	EE5104 Advanced Power System Analysis	EE5101 Modeling and Control of Physical Systems	AM5106 Viscous Fluid Flow
09.11.2021	VL5102 Analog VLSI Circuits	MC5102 Embedded System Application	EE5102 Theory of Discrete and Digital Systems	EE5105 Power System Operation and Control	EE5107 Advanced Power Electronics	AM5107 Convective Heat Transfer
11.11.2021	VL5103 Digital 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
12.11.2021	VL5121 Advanced System Architecture	MC5121 Fundamentals of Electronics Engineering MC5122 Fundamentals of Mechanical Engineering	EE5121 Advanced Microcontroller Technology EE5122 Advanced Computational Methods in EE EE5123 Application of Soft Computing Techniques in EE EE5124 Power Quality in Electrical systems	EE5121 Advanced Microcontroller Technology EE5122 Advanced Computational Methods in EE EE5123 Application of Soft Computing Techniques in EE EE5124 Power Quality in Electrical systems	EE5121 Advanced Microcontroller Technology EE5122 Advanced Computational Methods in EE EE5123 Application of Soft Computing Techniques in EE EE5124 Power Quality in Electrical systems	AM5126 Turbo Machineries


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**M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
PROGRAMME**

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

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.)
08.11.2021	CE5110 Chemistry for Environmental Engineering	CE5104 Advanced Soil Mechanics	CE5101 Advanced Solid Mechanics	CE5113 Advanced Hydrology and Stochastic Analysis	CE5107 Pavement Engineering I	ME5101 Advanced Engineering Thermodynamics	ME5107 Mechanical Vibration	ME5112 Non-traditional Machining
09.11.2021	CE5111 Biological Processes in Wastewater Treatment	CE5105 Foundation Engineering	CE5102 Computational Methods in Structural Analysis	CE5114 Applied Hydrodynamics and Numerical Modeling	CE5108 Traffic System Analysis	ME5102 Viscous Flow Theory	ME5108 Engineering Tribology	ME5111 Advanced Theory of Metal Cutting
11.11.2021	CE5145 Management of Rural Water Supply and Sanitation	CE5129 Ground Improvement Techniques and Applications CE5132 Soil Exploration and Geo- Instrumentation	CE5121 Structural Optimization CE5122 Pre-stressed Concrete Structures	CE5154 Advanced Hydraulic Structures	CE5137 Geometric Design and Road Safety	ME5103 Internal Combustion Engine	ME5106 Advanced Solid Mechanics	ME5113 Advanced Material Processing Technology
12.11.2021	CE5112 Physico-Chemical Processes in Water and Wastewater Treatment	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	ME 5121 Combustion Science and Technology	ME 5134 Finite Element Methods ME5135 Design Optimization	ME5142 Design of Production Systems


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M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	Metallurgy & Materials Engineering (Materials Engineering)	Metallurgy & Materials Engineering (Manufacturing Technology)	MINING ENGINEERING	Geoinformatics	Biomedical Engineering	Safety and OH
08.11.2021	MM5101 Fundamentals of Materials	MM5101 Fundamentals of Materials	MN5101 Economics of the Mineral Industry	MN5108 Fundamentals of Geographical Information System	HC5101 Biomedical Imaging and Optics	HC5104 Statistics and Accident Analysis
09.11.2021	MM5102 Characterization of Materials	MM5102 Characterization of Materials	MN5102 Subsurface Rock Engineering and Tunneling	MN5109 Fundamentals of Remote Sensing	HC5102 Fundamentals of Biomaterials	HC5105 Safety Procedures and Management
11.11.2021	MM5103 Thermodynamics and Kinetics of Materials	MM5103 Thermodynamics and Kinetics of Materials	MN5103 Mine System Analysis and Design	MN5110 Fundamentals of Cartography, Geodesy and GNSS	HC5103 Cellular and Systems Physiology	HC5106 Hazard Identification and Risk Analysis
12.11.2021	MM5121 Functional Materials	MM5124 Iron and Steel Making	MN5104 Rock Slope Engineering	MN5123 Basic Geographic Concepts	HC5121 Biomedical Sensors & Instrumentation	HC5123 Safety in Operations- I



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M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	IT	ETC (CE & SP)	ETC (MW Comm)	ETC (M.ETC&VLSI)	CSE	Materials Science & Engineering	Renewable Energy Science and Technology
08.11.2021	IT5101 Algorithms	ET5101 Advanced Digital Communication	ET5104 Computational Electromagnetics	ET5107 Advanced Semiconductor Devices	CS5102 Principles of Programming Languages	MT5101 Introduction to Materials	GS5101 Renewable Energy Sources and Materials
09.11.2021	IT5102 Advanced Computer Architecture	ET5102 Advanced Digital Signal Processing	ET5105 Microwave Devices and Circuits	ET5108 Analog VLSI Design	CS5105 Logics for Computer Science	MT5102 Advanced Materials Characterization	GS5102 Solar Cells and Photovoltaic Technologies
11.11.2021	IT5103 Advanced Communication Systems	ET5103 Probability and Random Processes for Signal Processing	ET5106 Advanced Antenna Engineering	ET5110 VLSI Fabrication Technology	CS5109 Advanced Computer Architecture	MT5103 Metallic Materials	GS5103 Energy from Wind and Biomass
12.11.2021	IT5121 Soft computing Techniques IT5125 Information and Coding Theory	Optical Communication and Networking(ET5121) VLSI for Signal Processing (ET5123)	Optical Communication and Networking (ET5121) VLSI for Signal Processing (ET5123)	Optical Communication and Networking (ET5121) VLSI for Signal Processing (ET5123)	CS5127 Cryptography and Network Security	MT5121 Low- dimensional Materials	GS5121 Solar Photovoltaic Power Plants: Design and performance


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M.TECH/MOP/M.SC/MBA FIRST SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021
P R O G R A M M E

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

10.11.2021	Dynamical Systems-I, PH5161 Basics and Applications of Quantum Mechanics, PH5162 Climate Change and Human Settlements, AP6161 Climate Change Impact Analysis, CE5161 Cryptographic Techniques, IT 5163 Crystallography and X- Ray Diffraction, MT 5161 Discrete Mathematics, MA5161 Electronic Communication Systems, ET5161 Fundamentals of Renewable Energy and its Impact on Environment, GS -5161 Human Body Mechanics, AM5162 Introduction to General Management, MS5161 Mechanical Behavior of Engineering Materials, MM5161 Soft Computing, CS 5161 Technical and Research Writing for Engineers, HU 5162
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DUAL DEGREE NINTH SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021

P R O G R A M M E

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	CE (Env Engg)	CE (Struc. Engg)	CE (Trans. Engg)	CE (W.R. Engg)	EE(PEMD)
08.11.2021	CE5110 Chemistry for Environmental Engineering				
09.11.2021				CE5114 Applied Hydrodynamics and Numerical Modeling	
11.11.2021	CE5145 Rural Water Supply and Sanitation	CE5121 Structural Optimization	CE5137 Geometric Design and Road Safety	CE5154 Advanced Hydraulic Structures	EE9D07- Power Transmission and Power Quality
12.11.2021		CE5103 Design of special reinforced Concrete Structures	CE5109 Urban Transportation Planning		



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DUAL DEGREE SEVENTH SEMESTER MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021

PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 12.00 Noon to 12.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	CE (Environmental Engineering)	CE (Transportation Engineering)
08.11.2021		CE5107 Pavement Engineering I
09.11.2021	CE5111 Biological Processes in Wastewater Treatment	CE5108 Traffic System Analysis
12.11.2021	CE5112 Physico-Chemical Processes in Water and Wastewater Treatment	


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

PH.D. COURSEWORK MID TERM EXAMINATION FOR THE SESSION 2021 –2022 TO BE HELD IN NOVEMBER, 2021


PROGRAMME

DATE OF COMMENCEMENT: 08.11.2021

TIME: 2.00 PM to 2.45 pm [Additional 15(Fifteen) minutes for uploading the Answer scripts]

DATE	CHEMISTRY	HSS/MATHEMATICS
08.11.2021	Advanced Spectroscopic Techniques for Structure Determination CH8101	
09.11.2021	Synthetic Strategies in Organic & Inorganic Chemistry CH8102	
11.11.2021	Modern Concepts in Organic Synthesis CH8105	
12.11.2021	Advanced Energy Materials CH8103	
13.11.2021		Research Methodology & Technical Writing MA8101

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


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