



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

Dual Degree (Semester-1)

Date / Day	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Manufacturing Engineering	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Metallurgical and Materials Engineering	B.Tech. in Computer Science and Engineering and M.Tech. in Computer Science and Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design
09:30 AM - 12:30 PM (Forenoon)									
22-11-2023 Wednesday	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I
23-11-2023 Thursday	Electrical Technology/ Introduction to Programing and Data Structures	Electrical Technology	Introduction to Programing and Data Structures	Electrical Technology	Introduction to Programing and Data Structures/ Electrical Technology	Electrical Technology	Introduction to Programing and Data Structures	Electrical Technology	Introduction to Programing and Data Structures
24-11-2023 Friday	Physics/ Learning English	English for Communication/ Learning English	Physics	Learning English/ English for Communication	Learning English/ English for Communication	Learning English/ English for Communication	Physics	Learning English/ English for Communication	Physics
25-11-2023 Saturday	Chemistry/ Mechanics	Chemistry/ Mechanics	Mechanics	Chemistry	Chemistry	Chemistry	Mechanics	Chemistry	Mechanics



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
Dual Degree (Semester-2)

Date / Day	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering
09:30 AM - 12:30 PM (Forenoon)			
23-11-2023 Thursday	Electrical Technology	Electrical Technology	Electrical Technology
24-11-2023 Friday	-	Physics	-



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
Dual Degree (Semester-3)

Date / Day	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Computer Science and Engineering and M.Tech. in Computer Science and Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Metallurgical and Materials Engineering	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Manufacturing Engineering
09:30 AM - 12:30 PM (Forenoon)									
16-11-2023 Thursday	Social Psychology/ General Studies and Current Affairs-I/ Speaking and Presentation/ Entrepreneurship and Small Business Management/ International Business	International Business/ Speaking and Presentation/ Social Psychology	Speaking and Presentation/ International Business/ General Studies and Current Affairs-I/ Entrepreneurship and Small Business Management	-	-	-	-	-	-
17-11-2023 Friday	Signals and Systems	Signals and Systems	Thermodynamics of Materials	Surveying	Surveying	Surveying	-	-	-
18-11-2023 Saturday	Probability, Statistics & Stochastic Processes	Data Structures	Numerical Methods	Probability, Statistics & Stochastic Processes	Probability, Statistics & Stochastic Processes	Probability, Statistics & Stochastic Processes	Fluid Mechanics	Fluid Mechanics	Fluid Mechanics
20-11-2023 Monday	Introduction to Materials Science and Engineering	-	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering
21-11-2023 Tuesday	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology
2:30 PM - 5:30 PM (Afternoon)									
20-11-2023 Monday	-	Discrete Structures	-	-	-	-	-	-	-
22-11-2023 Wednesday	Introduction to Economics	Introduction to Economics	Introduction to Economics	-	-	Introduction to Economics	-	-	-

23-11-2023 Thursday	-	-	-	Solid Mechanics	Solid Mechanics	Solid Mechanics	Transform Calculus	Transform Calculus	Transform Calculus
24-11-2023 Friday	Introduction to Electronics	Introduction to Electronics	Basic Electronics	Basic Electronics	Basic Electronics	Basic Electronics	Basic Electronics	Basic Electronics	Basic Electronics



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

Dual Degree (Semester-5)

Date / Day	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Metallurgical and Materials Engineering	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Manufacturing Engineering	B.Tech. in Computer Science and Engineering and M.Tech. in Computer Science and Engineering
09:30 AM - 12:30 PM (Forenoon)									
16-11-2023 Thursday	Global Communication/ Fiction and Social Change/ Applied Organizational Psychology/ Ethics and Leadership Skills for Technocrats/ Dimensions of Creativity: Indian Writings in English	Fiction and Social Change/ Ethics and Leadership Skills for Technocrats	Design of Machine Elements	Design of Machine Elements	Dimensions of Creativity: Indian Writings in English/ Applied Organizational Psychology/ Fiction and Social Change/ Ethics and Leadership Skills for Technocrats	Applied Organizational Psychology/ Fiction and Social Change	Fiction and Social Change/ Dimensions of Creativity: Indian Writings in English/ Applied Organizational Psychology/ Ethics and Leadership Skills for Technocrats	Design of Machine Elements	Applied Organizational Psychology
17-11-2023 Friday	Electromagnetic Field Theory	Design of Reinforced Concrete Structures	Systems & Control	Systems & Control	Mechanical properties and testing of materials	Design of Reinforced Concrete Structures	Design of Reinforced Concrete Structures	Systems & Control	-
18-11-2023 Saturday	Numerical Techniques	-	Numerical Techniques	Numerical Techniques	-	-	-	Numerical Techniques	-
20-11-2023 Monday	-	-	-	-	-	-	-	-	Formal Languages and Automata Theory
21-11-2023 Tuesday	Electrical Power Transmission and Distribution	-	Heat Transfer	Heat Transfer	Mineral processing	-	-	Heat Transfer	-



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
Dual Degree (Semester-7)

Date / Day	B.Tech. in Computer Science and Engineering and M.Tech. in Computer Science and Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Manufacturing Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Metallurgical and Materials Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering
09:30 AM - 12:30 PM (Forenoon)									
16-11-2023 Thursday	Mathematical Methods	-	-	-	-	-	-	-	-
17-11-2023 Friday	Machine Learning and Data Analytics- I	-	-	-	-	-	-	-	-
18-11-2023 Saturday	Internet of Things/ Moral Thinking	Moral Thinking	Moral Thinking/ Internet of Things	Internet of Things	Applied Probability and Linear Algebra	Moral Thinking	Moral Thinking	-	-
20-11-2023 Monday	-	-	-	-	-	-	-	Switched Mode Power Conversion	-
21-11-2023 Tuesday	Advanced Algorithms	-	-	-	Materials Characterization	-	Pavement Material Characterization	Theory and Analysis of Electric Drives	-
22-11-2023 Wednesday	Mathematical Foundations of Computer Science	-	-	-	-	-	-	-	-
23-11-2023 Thursday	-	-	Infrastructure Maintenance and Rehabilitation	-	-	-	Infrastructure Maintenance and Rehabilitation	-	-
2:30 PM - 5:30 PM (Afternoon)									

16-11-2023 Thursday	-	Psychology of Well-being/ Financial Management/ Film and Philosophy/ Emotional Intelligence/ Understanding Human Behaviour	Financial Management/ Emotional Intelligence/ Understanding Human Behaviour/ Film and Philosophy/ Psychology of Well-being	Financial Management/ Psychology of Well-being/ Banking Theory and Practice/ Film and Philosophy/ Understanding Human Behaviour/ Emotional Intelligence	Light metals and alloys	Financial Management/ Emotional Intelligence/ Psychology of Well-being/ Understanding Human Behaviour/ Banking Theory and Practice	Banking Theory and Practice/ Film and Philosophy/ Emotional Intelligence	Renewable Energy Systems	Financial Management/ Understanding Human Behaviour/ Film and Philosophy/ Banking Theory and Practice/ Emotional Intelligence
17-11-2023 Friday	-	Surface Engineering	Theory of Plates & Shells	-	Polymers and nanocomposites	-	Urban Transportation Planning	-	-
20-11-2023 Monday	-	-	-	Advanced Manufacturing Processes-I	-	-	-	-	Wastewater Treatment
21-11-2023 Tuesday	-	Advanced Manufacturing Processes/ Computer Aided Design and Manufacturing	-	Computer Aided Design and Manufacturing	-	Advanced Manufacturing Processes/ Computer Aided Design and Manufacturing	-	-	Solid Waste Management
22-11-2023 Wednesday	-	-	-	Machining Science	-	-	Advanced Transportation Engineering	-	-
23-11-2023 Thursday	Compiler Design	Computational Methods in Thermal & Fluid Engineering	-	-	-	-	-	-	-
24-11-2023 Friday	Networks and Systems Security	-	-	-	-	-	-	Digital Control Systems	-



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
B.Tech. (Semester-1)

Date / Day	Mechanical Engineering	Electronics and Communication Engineering	Computer Science and Engineering	Electrical Engineering	Civil Engineering	Metallurgical and Materials Engineering
09:30 AM - 12:30 PM (Forenoon)						
22-11-2023 Wednesday	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I
23-11-2023 Thursday	Introduction to Programming and Data Structures/ Electrical Technology	Introduction to Programming and Data Structures/ Electrical Technology	Electrical Technology	Introduction to Programming and Data Structures/ Electrical Technology	Introduction to Programming and Data Structures/ Electrical Technology	Electrical Technology
24-11-2023 Friday	Physics	Physics	English for Communication/ Physics/ Learning English	Physics	English for Communication/ Physics/ Learning English	Learning English/ English for Communication
25-11-2023 Saturday	Mechanics	Mechanics	Chemistry/ Mechanics	Mechanics/ Chemistry	Mechanics/ Chemistry	Mechanics/ Chemistry



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
B.Tech. (Semester-2)

Date / Day	Computer Science and Engineering	Metallurgical and Materials Engineering	Mechanical Engineering	Electrical Engineering	Electronics and Communication Engineering
09:30 AM - 12:30 PM (Forenoon)					
23-11-2023 Thursday	Electrical Technology/ Introduction to Programing and Data Structures	Electrical Technology	Electrical Technology	-	-
24-11-2023 Friday	Physics	Physics	-	Physics	-
25-11-2023 Saturday	Mechanics	Mechanics	-	Mechanics	Mechanics



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

B.Tech. (Semester-3)

Date / Day	Metallurgical and Materials Engineering	Electrical Engineering	Computer Science and Engineering	Electronics and Communication Engineering	Civil Engineering	Mechanical Engineering
09:30 AM - 12:30 PM (Forenoon)						
16-11-2023 Thursday	Entrepreneurship and Small Business Management/ General Studies and Current Affairs-I/ International Business/ Social Psychology/ Speaking and Presentation	Social Psychology/ General Studies and Current Affairs-I/ Entrepreneurship and Small Business Management/ International Business/ Speaking and Presentation	Speaking and Presentation/ Entrepreneurship and Small Business Management/ International Business/ General Studies and Current Affairs-I/ Social Psychology	Entrepreneurship and Small Business Management/ General Studies and Current Affairs-I/ Social Psychology/ International Business	-	-
17-11-2023 Friday	Thermodynamics of Materials	Signals and Systems	Signals and Systems	Signals and Systems	Surveying	-
18-11-2023 Saturday	Numerical Methods	Probability, Statistics & Stochastic Processes	Data Structures	Probability, Statistics & Stochastic Processes	Probability, Statistics & Stochastic Processes	Fluid Mechanics
20-11-2023 Monday	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	-	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering
21-11-2023 Tuesday	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology	Introduction to Bioscience and Technology
2:30 PM - 5:30 PM (Afternoon)						
20-11-2023 Monday	-	-	Discrete Structures	-	-	-
22-11-2023 Wednesday	Introduction to Economics	Introduction to Economics	Introduction to Economics	Introduction to Economics	Introduction to Economics	Introduction to Economics
23-11-2023 Thursday	-	-	-	-	Solid Mechanics	Transform Calculus
24-11-2023 Friday	Basic Electronics	Introduction to Electronics	Introduction to Electronics	Introduction to Electronics	Basic Electronics	Basic Electronics



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

B.Tech. (Semester-5)

Date / Day	Civil Engineering	Computer Science and Engineering	Electrical Engineering	Electronics and Communication Engineering	Metallurgical and Materials Engineering	Mechanical Engineering
09:30 AM - 12:30 PM (Forenoon)						
16-11-2023 Thursday	Dimensions of Creativity: Indian Writings in English/ Fiction and Social Change/ Global Communication/ Applied Organizational Psychology/ Ethics and Leadership Skills for Technocrats	Applied Organizational Psychology/ Global Communication/ Dimensions of Creativity: Indian Writings in English/ Fiction and Social Change/ Ethics and Leadership Skills for Technocrats	Ethics and Leadership Skills for Technocrats/ Global Communication/ Applied Organizational Psychology/ Dimensions of Creativity: Indian Writings in English/ Fiction and Social Change	Dimensions of Creativity: Indian Writings in English/ Ethics and Leadership Skills for Technocrats/ Fiction and Social Change/ Applied Organizational Psychology	Dimensions of Creativity: Indian Writings in English/ Ethics and Leadership Skills for Technocrats/ Fiction and Social Change/ Applied Organizational Psychology	Design of Machine Elements
17-11-2023 Friday	Design of Reinforced Concrete Structures	-	Electromagnetic Field Theory	-	Mechanical properties and testing of materials	Systems & Control
18-11-2023 Saturday	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	-	Numerical Techniques
20-11-2023 Monday	-	Formal Languages and Automata Theory	-	Electromagnetic waves and Radiating Systems	-	-
21-11-2023 Tuesday	-	-	Electrical Power Transmission and Distribution	Digital Communication	Mineral processing	Heat Transfer
22-11-2023 Wednesday	Introduction to Machine Learning for Engineers/ Microcontrollers and Embedded Systems/ Applied Thermodynamics/ Introduction to Ocean Dynamics/ Control System Technology	Traffic Engineering and Management/ Microcontrollers and Embedded Systems/ Control System Technology/ Applied Thermodynamics/ Introduction to Ocean Dynamics/ Introduction to Machine Learning for Engineers	Introduction to Ocean Dynamics/ Microcontrollers and Embedded Systems/ Introduction to Machine Learning for Engineers/ Traffic Engineering and Management/ Applied Thermodynamics	Introduction to Machine Learning for Engineers/ Introduction to Ocean Dynamics/ Traffic Engineering and Management/ Applied Thermodynamics	Microcontrollers and Embedded Systems/ Introduction to Ocean Dynamics/ Applied Thermodynamics/ Traffic Engineering and Management	Introduction to Ocean Dynamics/ Traffic Engineering and Management/ Introduction to Machine Learning for Engineers/ Microcontrollers and Embedded Systems
23-11-2023 Thursday	-	-	Measurement and Instrumentation	Microprocessor and Microcontroller	-	-
24-11-2023 Friday	Soil Mechanics	Computer Organization and Architecture	-	-	-	Casting, Welding and Forming
2:30 PM - 5:30 PM (Afternoon)						

20-11-2023 Monday	Water Resources Engineering	-	-	-	-	-
23-11-2023 Thursday	-	Operating Systems	-	-	-	-



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

B.Tech. (Semester-7)

Date / Day	Electronics and Communication Engineering	Computer Science and Engineering	Electrical Engineering	Civil Engineering	Metallurgical and Materials Engineering	Mechanical Engineering
09:30 AM - 12:30 PM (Forenoon)						
16-11-2023 Thursday	Optical Communication	Mathematical Methods	-	-	-	-
17-11-2023 Friday	Machine Learning and Data Analytics- I	Machine Learning and Data Analytics- I	Machine Learning and Data Analytics- I	-	-	-
18-11-2023 Saturday	Internet of Things/ Applied Probability and Linear Algebra/ Moral Thinking	Internet of Things/ Moral Thinking	Precision and Micro Manufacturing/ Dynamics of Linear Systems/ Moral Thinking/ Internet of Things/ Applied Probability and Linear Algebra	Moral Thinking/ Internet of Things	Internet of Things	Moral Thinking/ Internet of Things
20-11-2023 Monday	-	-	Switched Mode Power Conversion	Bridge Engineering/ Design of Transportation Facilities and Safety	-	Engineering Design Optimization
21-11-2023 Tuesday	-	Advanced Algorithms	Advanced Algorithms/ Theory and Analysis of Electric Drives	Pavement Material Characterization	-	-
22-11-2023 Wednesday	-	Mathematical Foundations of Computer Science	Mathematical Foundations of Computer Science	-	-	-
23-11-2023 Thursday	Modern Digital Signal Processing	-	Modern Digital Signal Processing	Infrastructure Maintenance and Rehabilitation	-	-
2:30 PM - 5:30 PM (Afternoon)						
16-11-2023 Thursday	-	-	Renewable Energy Systems	Emotional Intelligence/ Understanding Human Behaviour/ Banking Theory and Practice/ Film and Philosophy/ Financial Management/ Psychology of Well-being	Light metals and alloys	Film and Philosophy/ Financial Management/ Banking Theory and Practice/ Psychology of Well-being/ Understanding Human Behaviour

17-11-2023 Friday	Semiconductor Device Modeling/ Surface Engineering	Semiconductor Device Modeling	Surface Engineering	Urban Transportation Planning/ Surface Engineering	Polymers and nanocomposites	Surface Engineering
20-11-2023 Monday	Advanced Digital System Design	Advanced Digital System Design	Advanced Digital System Design	Wastewater Treatment	-	Gas Turbine & Jet Propulsion
21-11-2023 Tuesday	Mathematical Foundations of VLSI Systems/ Advanced Communication Engineering	-	-	Solid Waste Management	-	Computer Aided Design and Manufacturing/ Advanced Manufacturing Processes
22-11-2023 Wednesday	RF and Microwave Engineering	-	Power System Analysis and Operation/ Digital Integrated Circuit Design	Advanced Transportation Engineering	-	-
23-11-2023 Thursday	-	Compiler Design	Electric Power Quality	-	-	Operations Management
24-11-2023 Friday	Communication Networks and Switching	Networks and Systems Security	Digital Control Systems	-	-	-



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

M.Tech. (Semester-1)

Date / Day	Power System Engineering	Power Electronics and Drives	Manufacturing Engineering	Climate Science and Technology	Mechanical Systems Design	Thermal Science and Engineering	Water Resources Engineering	Computer Science and Engineering	Signal Processing and Communication Engineering	Transportation Engineering	Structural Engineering	Metallurgical and Materials Engineering	Integrated Circuits and VLSI Systems	Environmental Engineering
09:30 AM - 12:30 PM (Forenoon)														
16-11-2023 Thursday	Mathematical Methods/ Renewable and Distributed Energy Sources	Renewable and Distributed Energy Sources	Robotics and Automation	Mathematical and Statistical Methods in Earth System Science	Robotics and Automation	Combustion & Emissions	Mathematical and Statistical Methods in Earth System Science	-	-	-	-	-	-	-
17-11-2023 Friday	Machine Learning and Data Analytics- I	Machine Learning and Data Analytics- I	-	Machine Learning and Data Analytics- I	-	-	-	Machine Learning and Data Analytics- I	Machine Learning and Data Analytics- I	-	-	-	-	-
18-11-2023 Saturday	Dynamics of Linear Systems	Dynamics of Linear Systems	Precision and Micro Manufacturing/ Lasers in Manufacturing	-	Finite Element Methods in Engineering	Applications of Linear Algebra in Mechanical Engineering	-	Internet of Things	Applied Probability and Linear Algebra	-	-	-	-	-
20-11-2023 Monday	Switched Mode Power Conversion	Switched Mode Power Conversion	-	-	Engineering Design Optimization	-	-	-	-	Design of Transportation Facilities and Safety	Bridge Engineering	-	-	-
21-11-2023 Tuesday	Theory and Analysis of Electric Drives	Theory and Analysis of Electric Drives	-	-	-	-	-	Advanced Algorithms	-	Pavement Material Characterization	-	Materials Characterization	-	-
22-11-2023 Wednesday	-	-	-	-	-	-	-	Mathematical Foundations of Computer Science	-	-	-	-	-	-
23-11-2023 Thursday	-	Modern Digital Signal Processing	-	-	-	-	-	-	Modern Digital Signal Processing	Infrastructure Maintenance and Rehabilitation	-	-	-	-
2:30 PM - 5:30 PM (Afternoon)														
16-11-2023 Thursday	-	-	-	-	Experimental Stress Analysis	-	-	-	-	-	-	-	-	-
17-11-2023 Friday	-	-	Surface Engineering/ Design and Analysis of Welded Structures	Atmospheric Chemistry & Aerosol	-	-	-	-	-	Urban Transportation Planning	Theory of Plates & Shells	-	Semiconductor Device Modeling	Atmospheric Chemistry & Aerosol

20-11-2023 Monday	-	Advanced Digital System Design	Advanced Manufacturing Processes-I	-	-	Gas Turbine & Jet Propulsion	-	-	Advanced Digital System Design	-	-	-	Advanced Digital System Design	Wastewater Treatment
21-11-2023 Tuesday	-	-	-	-	-	-	-	-	Advanced Communication Engineering	-	-	-	Mathematical Foundations of VLSI Systems	Solid Waste Management
22-11-2023 Wednesday	Power System Analysis and Operation	Power System Analysis and Operation/ Digital Integrated Circuit Design	Machining Science	-	-	-	-	-	-	-	-	-	Digital Integrated Circuit Design	-
23-11-2023 Thursday	Electric Power Quality	Electric Power Quality	Operations Management	-	-	Computational Methods in Thermal & Fluid Engineering	-	-	-	-	-	-	-	-
24-11-2023 Friday	-	-	-	-	-	-	-	Networks and Systems Security	-	-	-	-	-	-



Indian Institute of Technology Bhubaneswar
Autumn End-Semester Examination - 2023
M.Sc. (Semester-1)

Date / Day	Physics	Atmosphere and Ocean Sciences
09:30 AM - 12:30 PM (Forenoon)		
16-11-2023 Thursday	Quantum Mechanics I	Mathematical and Statistical Methods in Climate Science



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

M.Sc. (Semester-3)

Date / Day	Chemistry	Atmosphere and Ocean Sciences	Mathematics
09:30 AM - 12:30 PM (Forenoon)			
16-11-2023 Thursday	Chemistry of Pharmaceutics	-	-
17-11-2023 Friday	-	Machine Learning and Data Analytics- I	-
2:30 PM - 5:30 PM (Afternoon)			
17-11-2023 Friday	-	-	Numerical Solution of Ordinary and Partial Differential Equations



Indian Institute of Technology Bhubaneswar

Autumn End-Semester Examination - 2023

Ph.D.

Date / Day	Electronics and Communication Engineering	Mathematics	English	Chemistry	Geotechnical Engineering	Economics	Psychology	Electrical Engineering	Geology	Structural Engineering	Atmosphere and Ocean Sciences	Bio-science	Mechanical Engineering	Water Resources Engineering	Bioscience	Computer Science and Engineering	Minerals, Metallurgical and Materials Engineering	Transportation Engineering	Physics	Philosophy	Chemistry	
09:30 AM - 12:30 PM (Forenoon)																						
16-11-2023 Thursday	Optical Communication	Mathematical Methods/ Mathematical Methods	Contemporary World Literature/ Contemporary World Literature	Chemistry of Pharmaceuticals	Mathematical and Statistical Methods in Earth System Science	Applied Econometrics	Applied Econometrics/ Brain and Language Processing	Robotics and Automation/ Mathematical Methods	Mathematical and Statistical Methods in Earth System Science	Mathematical and Statistical Methods in Earth System Science	Mathematical and Statistical Methods in Earth System Science	Chemistry of Pharmaceuticals	Combustion & Emissions/ Robotics and Automation	Mathematical and Statistical Methods in Earth System Science	Chemistry of Pharmaceuticals	-	-	-	-	-	-	
17-11-2023 Friday	Machine Learning and Data Analytics- I	-	-	-	-	-	-	Machine Learning and Data Analytics- I	-	-	-	-	-	-	-	Machine Learning and Data Analytics- I	-	-	-	-	-	
18-11-2023 Saturday	Applied Probability and Linear Algebra/ Applied Probability and Linear Algebra	-	Introduction to Literature	-	-	Fundamentals of Behavioral Economics/ Special Areas of Environmental Economics	Human Cognitive Process	Dynamics of Linear Systems/ Dynamics of Linear Systems	Analytical & Measurement Techniques	-	-	-	Applications of Linear Algebra in Mechanical Engineering/ Precision and Micro Manufacturing/ Applications of Linear Algebra in Mechanical Engineering	-	-	Internet of Things	Lasers in Manufacturing	-	-	-	-	
20-11-2023 Monday	-	-	-	-	-	-	-	Switched Mode Power Conversion	-	Bridge Engineering/ Bridge Engineering	-	-	Engineering Design Optimization	-	-	-	-	Design of Transportation Facilities and Safety	-	-	-	
21-11-2023 Tuesday	-	-	-	-	-	-	-	Theory and Analysis of Electric Drives	-	Pavement Material Characterization	-	-	-	-	-	Advanced Algorithms	Materials Characterization/ Materials Characterization	Pavement Material Characterization	Materials Characterization/ Materials Characterization	-	-	
22-11-2023 Wednesday	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Mathematical Foundations of Computer Science	-	-	-	-	-	
23-11-2023 Thursday	Modern Digital Signal Processing	-	-	-	-	-	-	-	-	Infrastructure Maintenance and Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	
24-11-2023 Friday	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	-	Scientific and Technical Writing	Scientific and Technical Writing	-	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing/ Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	
2:30 PM - 5:30 PM (Afternoon)																						
17-11-2023 Friday	Semiconductor Device Modeling	Numerical Solution of Ordinary and Partial Differential Equations/ Numerical Solution of Ordinary and Partial Differential Equations	Indian Writing in English (Fiction)	-	-	Development Economics	Fundamentals of Neuropsychology/ Introduction to Qualitative Research Methodology	-	Atmospheric Chemistry & Aerosol	Theory of Plates & Shells	Atmospheric Chemistry & Aerosol	-	Surface Engineering/ Design and Analysis of Welded Structures	-	-	-	-	-	Numerical Solution of Ordinary and Partial Differential Equations	-	-	
22-11-2023 Wednesday	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	-	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	-	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis/ Research Methodology and Data Analysis	Research Methodology and Data Analysis	Research Methodology and Data Analysis

23-11-2023 Thursday	-	-	-	-	-	-	-	-	-	-	-	-	Computational Methods in Thermal & Fluid Engineering/ Computational Methods in Thermal & Fluid Engineering	-	-	-	-	-	-	-	-	-
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