



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-1)

Date / Day	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	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 Environmental 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 Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design
09:30 AM - 12:30 PM (Forenoon)								
17-07-2023 Monday	Electrical Technology	Electrical Technology	Electrical Technology	-	-	-	-	-
18-07-2023 Tuesday	-	-	Chemistry	-	-	-	-	-
19-07-2023 Wednesday	Mathematics - I	-	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	-
20-07-2023 Thursday	Physics	-	-	Physics	Physics	Physics	-	Physics
2:30 PM - 5:30 PM (Afternoon)								
18-07-2023 Tuesday	-	-	Introduction to Progaming and Data Structures	-	-	Introduction to Progaming and Data Structures	-	-
19-07-2023 Wednesday	-	-	Mechanics	-	Mechanics	Mechanics	Mechanics	Mechanics



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-2)

Date / Day	B.Tech. in Civil Engineering and M.Tech. in Environmental 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 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
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	-	-
18-07-2023 Tuesday	-	-	Chemistry	-	Chemistry	-
20-07-2023 Thursday	-	-	-	-	Physics	Physics
2:30 PM - 5:30 PM (Afternoon)						
17-07-2023 Monday	English for Communication	Mathematics - II	-	-	-	-
19-07-2023 Wednesday	-	-	-	-	Mechanics	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-3)

Date / Day	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 Structural Engineering	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Civil Engineering and M.Tech. in Transportation Engineering	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)								
17-07-2023 Monday	Thermodynamics of Materials	Introduction to Bioscience and Technology	Surveying	-	-	-	-	-
18-07-2023 Tuesday	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Signals and Systems	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	-
2:30 PM - 5:30 PM (Afternoon)								
17-07-2023 Monday	-	-	Probability, Statistics & Stochastic Processes	-	-	-	-	-
18-07-2023 Tuesday	-	Fluid Mechanics	Solid Mechanics	Solid Mechanics	-	Solid Mechanics	Fluid Mechanics	Fluid Mechanics
19-07-2023 Wednesday	Basic Electronics	-	Basic Electronics	-	-	-	Basic Electronics	Basic Electronics
20-07-2023 Thursday	-	Theory of Machines - I	-	-	-	-	Theory of Machines - I	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

Dual Degree (Semester-4)

Date / Day	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 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 Electrical Engineering and M.Tech. in Power Electronics and Drives
09:30 AM - 12:30 PM (Forenoon)							
17-07-2023 Monday	Environmental Science, Technology and Management	-	-	-	-	-	-
19-07-2023 Wednesday	Condensed Matter Physics	Introduction to Signal Processing	Introduction to Signal Processing	Introduction to Signal Processing	Condensed Matter Physics	-	-
20-07-2023 Thursday	-	Structural Analysis	-	-	-	Transport Phenomena and Kinetics of Metallurgical Processes	Digital Electronics and Microprocessor
2:30 PM - 5:30 PM (Afternoon)							
17-07-2023 Monday	Thermodynamics	-	-	Thermodynamics	Thermodynamics	-	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-5)

Date / Day	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
09:30 AM - 12:30 PM (Forenoon)		
18-07-2023 Tuesday	Mechanical properties and testing of materials	Soil Mechanics
20-07-2023 Thursday	Phase transformation of materials	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

Dual Degree (Semester-6)

Date / Day	B.Tech. in Civil Engineering and M.Tech. in Environmental 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
09:30 AM - 12:30 PM (Forenoon)				
17-07-2023 Monday	Design of Steel Structures	Materials characterization	Design of Steel Structures	-
19-07-2023 Wednesday	-	Introduction to simulation and modeling in materials	-	Mineral Processing Plant Design
20-07-2023 Thursday	-	-	Water and Wastewater Engineering	-
2:30 PM - 5:30 PM (Afternoon)				
17-07-2023 Monday	-	-	Foundation Engineering	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-7)

Date / Day	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
09:30 AM - 12:30 PM (Forenoon)			
17-07-2023 Monday	Elements of Electroceramics	Dynamics of Structures	-
19-07-2023 Wednesday	-	-	Pavement Material Characterization



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-8)

Date / Day	B.Tech. in Civil Engineering and M.Tech. in Environmental Engineering	B.Tech. in Civil Engineering and M.Tech. in Transportation 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
09:30 AM - 12:30 PM (Forenoon)				
17-07-2023 Monday	Air Pollution Control	Analysis and Design of Pavements	Machine Tool & Machining	-
18-07-2023 Tuesday	-	Theoretical Soil Mechanics	-	Theoretical Soil Mechanics/ Environmental Impact Assessment
19-07-2023 Wednesday	-	-	-	Advanced Concrete Technology



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
Dual Degree (Semester-9)

Date / Day	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Metallurgical and Materials Engineering
09:30 AM - 12:30 PM (Forenoon)		
17-07-2023 Monday	Fatigue, Creep & Fracture	-
2:30 PM - 5:30 PM (Afternoon)		
17-07-2023 Monday	-	Materials Processing



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

B.Tech. (Semester-1)

Date / Day	Computer Science and Engineering	Electrical Engineering	Civil Engineering	Electronics and Communication Engineering	Mechanical Engineering	Metallurgical and Materials Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	-
18-07-2023 Tuesday	Chemistry	Chemistry	Chemistry	Chemistry	-	-
19-07-2023 Wednesday	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I	Mathematics - I
20-07-2023 Thursday	-	-	Physics	-	Physics	Physics
2:30 PM - 5:30 PM (Afternoon)						
17-07-2023 Monday	-	English for Communication	-	-	-	-
19-07-2023 Wednesday	Mechanics	-	Mechanics	-	Mechanics	Mechanics



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
B.Tech. (Semester-2)

Date / Day	Metallurgical and Materials Engineering	Mechanical Engineering	Civil Engineering	Electronics and Communication Engineering	Computer Science and Engineering	Electrical Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Electrical Technology	Electrical Technology	Electrical Technology	-	-	-
18-07-2023 Tuesday	Chemistry	-	Chemistry	-	-	-
20-07-2023 Thursday	-	Physics	-	Physics	Physics	Physics
2:30 PM - 5:30 PM (Afternoon)						
17-07-2023 Monday	-	-	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II
18-07-2023 Tuesday	-	-	-	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures
19-07-2023 Wednesday	-	-	Mechanics	Mechanics	Mechanics	Mechanics



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

B.Tech. (Semester-3)

Date / Day	Metallurgical and Materials Engineering	Computer Science and Engineering	Electrical Engineering	Mechanical Engineering	Civil Engineering	Electronics and Communication Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Thermodynamics of Materials	Introduction to Bioscience and Technology	-	-	-	-
18-07-2023 Tuesday	Introduction to Materials Science and Engineering	Signals and Systems	Signals and Systems/ Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	Introduction to Materials Science and Engineering	-
19-07-2023 Wednesday	Speaking and Presentation	-	Speaking and Presentation	-	-	-
20-07-2023 Thursday	-	Introduction to Electronics	-	-	-	-
2:30 PM - 5:30 PM (Afternoon)						
17-07-2023 Monday	-	-	Probability, Statistics & Stochastic Processes	-	Probability, Statistics & Stochastic Processes	Probability, Statistics & Stochastic Processes
18-07-2023 Tuesday	-	Discrete Structures	-	Fluid Mechanics	Solid Mechanics	-
19-07-2023 Wednesday	-	-	-	Basic Electronics	-	-
20-07-2023 Thursday	-	-	-	Theory of Machines - I	-	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

B.Tech. (Semester-4)

Date / Day	Civil Engineering	Electrical Engineering	Mechanical Engineering	Metallurgical and Materials Engineering	Computer Science and Engineering	Electronics and Communication Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Transportation Engineering/ Environmental Science, Technology and Management/ Introduction to Civil Engineering and Construction Materials	Electric Machines/ Network Theory/ Environmental Science, Technology and Management	Partial Differential Equations/ Theory of Machines - II/ Environmental Science, Technology and Management	Environmental Science, Technology and Management/ Physical Metallurgy	Environmental Science, Technology and Management	Network Theory
19-07-2023 Wednesday	Introduction to Signal Processing/ Social Psychology	-	Condensed Matter Physics/ Introduction to Signal Processing	Condensed Matter Physics/ Introduction to Signal Processing	Condensed Matter Physics	General Studies and Current Affairs-II
20-07-2023 Thursday	Structural Analysis	Digital Electronics and Microprocessor	-	Transport Phenomena and Kinetics of Metallurgical Processes	Digital Electronic Circuits	Digital Electronic Circuits
2:30 PM - 5:30 PM (Afternoon)						
17-07-2023 Monday	-	-	Thermodynamics	Materials Processing	-	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
B.Tech. (Semester-5)

Date / Day	Electrical Engineering	Civil Engineering	Metallurgical and Materials Engineering	Mechanical Engineering
09:30 AM - 12:30 PM (Forenoon)				
18-07-2023 Tuesday	Electrical Power Transmission and Distribution/ Measurement and Instrumentation	Soil Mechanics	Chemical metallurgy/ Mechanical properties and testing of materials	-
19-07-2023 Wednesday	Power Electronics	-	-	Traffic Engineering and Management
20-07-2023 Thursday	-	-	Phase transformation of materials	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
B.Tech. (Semester-6)

Date / Day	Electrical Engineering	Computer Science and Engineering	Civil Engineering	Metallurgical and Materials Engineering	Electronics and Communication Engineering	Mechanical Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Digital Signal Processing/ Control Systems	Computer Networks/ Applied Graph Theory/ Digital Signal Processing	Design of Steel Structures	Materials characterization	Control Systems	-
18-07-2023 Tuesday	-	-	-	Deformation and mechanical working of materials	-	-
19-07-2023 Wednesday	Mineral Processing Plant Design	Utilization of Electric Power/ Construction Planning and Management	Mineral Processing Plant Design/ Utilization of Electric Power	Introduction to simulation and modeling in materials	-	Mineral Processing Plant Design
20-07-2023 Thursday	-	-	Water and Wastewater Engineering	-	-	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

B.Tech. (Semester-7)

Date / Day	Electrical Engineering	Electronics and Communication Engineering	Mechanical Engineering	Computer Science and Engineering	Metallurgical and Materials Engineering	Civil Engineering
09:30 AM - 12:30 PM (Forenoon)						
17-07-2023 Monday	Advanced Digital System Design	IC design for wireless Communication	Advanced Manufacturing Processes/ Operations Management	Advanced Digital System Design	Elements of Electroceramics	Wastewater Treatment/ Advanced Structural Analysis
18-07-2023 Tuesday	Electric Power Quality	-	-	-	-	Advanced Transportation Engineering
19-07-2023 Wednesday	Renewable Energy Systems	-	-	-	Light metals and alloys	-
20-07-2023 Thursday	-	-	-	-	Mechanical Behavior of Materials	-



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
B.Tech. (Semester-8)

Date / Day	Electrical Engineering	Civil Engineering	Mechanical Engineering	Computer Science and Engineering	Metallurgical and Materials Engineering
09:30 AM - 12:30 PM (Forenoon)					
17-07-2023 Monday	Advanced Power Electronic Converters	Analysis and Design of Pavements	Quality Control	-	-
19-07-2023 Wednesday	-	-	-	Understanding Human Behaviour	-
2:30 PM - 5:30 PM (Afternoon)					
17-07-2023 Monday	-	-	-	-	Powder Materials and Processing



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
M.Tech. (Semester-1)

Date / Day	Environmental Engineering	Signal Processing and Communication Engineering	Power Electronics and Drives	Power System Engineering	Metallurgical and Materials Engineering
09:30 AM - 12:30 PM (Forenoon)					
17-07-2023 Monday	Environmental Chemistry and Microbiology	Advanced Digital System Design	Advanced Digital System Design	Theory and Analysis of Electric Drives	-
18-07-2023 Tuesday	Open Channel Flows	-	-	-	-
19-07-2023 Wednesday	Water Treatment and Supply	-	-	-	-
2:30 PM - 5:30 PM (Afternoon)					
17-07-2023 Monday	-	-	-	-	Materials Processing



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
M.Tech. (Semester-2)

Date / Day	Mechanical Systems Design	Power System Engineering
09:30 AM - 12:30 PM (Forenoon)		
17-07-2023 Monday	Soft Computing and Application	Advanced Power Electronic Converters



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)

M.Sc. (Semester-1)

Date / Day	Chemistry
09:30 AM - 12:30 PM (Forenoon)	
17-07-2023 Monday	Introduction to Quantum Chemistry/ Inorganic Chemistry- Structure, Principle and Reactivity



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
M.Sc. (Semester-2)

Date / Day	Chemistry
09:30 AM - 12:30 PM (Forenoon)	
18-07-2023 Tuesday	Thermodynamics and Chemical Equilibrium



Indian Institute of Technology Bhubaneswar
Supplementary Examination - 2023(Centrally Planned Subjects)
M.Sc. (Semester-3)

Date / Day	Physics
09:30 AM - 12:30 PM (Forenoon)	
17-07-2023 Monday	Advanced Statistical Physics
19-07-2023 Wednesday	Condensed Matter Physics