Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
Dual Degree (Semester-2)

Date / Day	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	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	B.Tech. in Mechanical Engineering and M.Tech. in Thermal Science and Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Materials Science and Engineering	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 Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering
10:30 AM - 12:30 PM (Forenoon)									
22-07-2020 Wednesday	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	-	-	-	-
23-07-2020 Thursday	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II
24-07-2020 Friday	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	-	-	-	-
27-07-2020 Monday	-	-	Introduction to Programing and Data Structures	-	-	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures
2:30 PM - 4:30 PM (Afternoon)									
22-07-2020 Wednesday	-	-	Mechanics	-	-	Mechanics	Mechanics	Mechanics	Mechanics
24-07-2020 Friday	-	-	Physics	-	-	Physics	Physics	Physics	Physics
27-07-2020 Monday	English for Communication/ Learning English	English for Communication/ Learning English	Learning English	English for Communication/ Learning English	English for Communication/ Learning English	-	-	-	-

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
Dual Degree (Semester-4)

Date / Day	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 Mechanical Engineering and M.Tech. in Manufacturing Engineering	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 Environmental Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Materials Science and Engineering	B.Tech. in Computer Science and Engineering and M.Tech. in Computer Science and Engineering	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives
10:30 AM - 12:30 PM (Forenoon)									
25-07-2020 Saturday	Theory of Machines - II	Structural Analysis	Theory of Machines - II	Theory of Machines - II	Structural Analysis	Structural Analysis	-	-	-
26-07-2020 Sunday	-	Transportation Engineering	-	-	Transportation Engineering	Transportation Engineering	-	-	-
27-07-2020 Monday	Introduction to Signal Processing / Infrastructure Planning and Management	Elements of Mechanical Engineering/ Introduction to Signal Processing	Infrastructure Planning and Management	Introduction to Signal Processing	Introduction to Signal Processing / Elements of Mechanical Engineering	Elements of Mechanical Engineering	Elements of Mechanical Engineering/ Introduction to Signal Processing	Elements of Mechanical Engineering/ Infrastructure Planning and Management	Elements of Mechanical Engineering/ Infrastructure Planning and Management
28-07-2020 Tuesday	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science Technology and Management	Environmental Science Technology and Management
29-07-2020 Wednesday	Partial Differential Equations	Introduction to Civil Engineering and Construction Materials	Partial Differential Equations	Partial Differential Equations	Introduction to Civil Engineering and Construction Materials	Introduction to Civil Engineering and Construction Materials	Materials Processing	Combinatorics, Probability and Statistics	Electric Machines
30-07-2020 Thursday	Digital Logic and Systems/ Introduction to Biomaterials	Introduction to Biomaterials/ Digital Logic and Systems	Digital Logic and Systems/ Introduction to Biomaterials	Introduction to Biomaterials/ Digital Logic and Systems	Digital Logic and Systems/ Introduction to Biomaterials	Digital Logic and Systems	Digital Logic and Systems	Introduction to Biomaterials	Introduction to Biomaterials
31-07-2020 Friday	Mechanics of Solids	Hydraulics	Mechanics of Solids	Mechanics of Solids	Hydraulics	Hydraulics	Physical Metallurgy	Design and Analysis of Algorithms	Digital Electronics and Microprocessor
2:30 PM - 4:30 PM (Afternoon)									

22-07-2020 Wednesday	Thermodynamics	-	Thermodynamics	Thermodynamics	-	-	Transport Phenomena and Kinetics of Metallurgical Processes	-	Network Theory
23-07-2020 Thursday	Introduction to Economics/ Speaking and Presentation/ International Business/ Social Psychology/ General Studies and Current Affairs - 1	Social Psychology/ Speaking and Presentation/ International Business/ General Studies and Current Affairs - 1	Speaking and Presentation/ Introduction to Economics/ General Studies and Current Affairs - 1	Speaking and Presentation/ International Business/ Introduction to Economics/ General Studies and Current Affairs - 1	General Studies and Current Affairs - 1/ Introduction to Economics/ International Business/ Social Psychology/ Speaking and Presentation	International Business/ Speaking and Presentation/ Social Psychology/ General Studies and Current Affairs - 1/ Introduction to Economics	International Business/ Speaking and Presentation/ Introduction to Economics/ Social Psychology	Introduction to Economics/ International Business/ Social Psychology/ Odissi Dance-1	Social Psychology/ Odissi Dance-1/ International Business/ Introduction to Economics/ General Studies and Current Affairs - 1
24-07-2020 Friday	-	-	-	-	-	-	-	Digital Electronic Circuits	-

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
Dual Degree (Semester-6)

Date / Day	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 Computer Science and Engineering and M.Tech. in Computer Science and Engineering	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering	B.Tech. in Metallurgical and Materials Engineering and M.Tech. in Materials Science and Engineering	B.Tech. in Electrical Engineering and M.Tech. in Power Electronics and Drives	B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design	B.Tech. in Mechanical Engineering and M.Tech. in Manufacturing Engineering
10:30 AM - 12:30 PM (Forenoon)								
22-07-2020 Wednesday	Utilization of Electric Power/ Industrial Engineering & Management	Construction Planning and Management/ Utilization of Electric Power	Industrial Engineering & Management/ Construction Planning and Management/ Utilization of Electric Power	Industrial Engineering & Management/ Utilization of Electric Power	Industrial Engineering & Management	Construction Planning and Management	Construction Planning and Management/ Utilization of Electric Power	Construction Planning and Management
23-07-2020 Thursday	Design of Steel Structures	-	-	Design of Steel Structures	-	-	-	-
24-07-2020 Friday	Environomics/ Global Communication	-	-	Environomics/ Global Communication	Environomics	Global Communication/ Environomics	-	-
25-07-2020 Saturday	-	Robotics	-	-	Iron and Steel making	Control Systems	Robotics	Robotics
26-07-2020 Sunday	-	Computational Fluid Dynamics	-	-	-	-	Computational Fluid Dynamics	Computational Fluid Dynamics
30-07-2020 Thursday	Satellite Communication Engineering	Satellite Communication Engineering	Satellite Communication Engineering	Satellite Communication Engineering	-	Satellite Communication Engineering	Satellite Communication Engineering	Satellite Communication Engineering
2:30 PM - 4:30 PM (Afternoon)								
23-07-2020 Thursday	-	-	-	-	Introduction to simulation and modeling in materials	Power System Operation and Control	-	-
24-07-2020 Friday	Managerial Economics	-	-	Managerial Economics	Applied Organizational Psychology	Managerial Economics	-	-

Date							
27-07-2020 Monday	Introduction to Indian Philosophy	IC Engines	-	Introduction to Indian Philosophy	Introduction to Indian Philosophy	Introduction to Indian Philosophy	IC Engines	IC Engines
28-07-2020 Tuesday	Foundation Engineering	Refrigeration & Air-Conditioning	Applied Graph Theory	Foundation Engineering	Materials characterization	Digital Signal Processing	Refrigeration & Air-Conditioning	Refrigeration & Air-Conditioning
29-07-2020 Wednesday	Water and Wastewater Engineering	Power Plant Engineering	Database Systems	Water and Wastewater Engineering	Deformation and mechanical working of materials	-	Power Plant Engineering	Power Plant Engineering
30-07-2020 Thursday	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques
31-07-2020 Friday	-	Machine Tool & Machining	Computer Networks	-	-	-	Machine Tool & Machining	Machine Tool & Machining

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
Dual Degree (Semester-8)

Date / Day	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
10:30 AM - 12:30 PM (Forenoon)		
22-07-2020 Wednesday	Dynamics and Control of Mechanical Systems	-
2:30 PM - 4:30 PM (Afternoon)		
23-07-2020 Thursday	-	Advanced Heat Transfer
27-07-2020 Monday	-	Acoustics

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
B.Tech. (Semester-2)

Date / Day	Computer Science and Engineering	Electronics and Communication Engineering	Mechanical Engineering	Metallurgical and Materials Engineering	Electrical Engineering	Civil Engineering
10:30 AM - 12:30 PM (Forenoon)						
22-07-2020 Wednesday	Chemistry	Chemistry	Chemistry	Chemistry	-	-
23-07-2020 Thursday	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II	Mathematics - II
24-07-2020 Friday	Electrical Technology	Electrical Technology	Electrical Technology	Electrical Technology	-	Electrical Technology
27-07-2020 Monday	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures	-	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures	Introduction to Programing and Data Structures
2:30 PM - 4:30 PM (Afternoon)						
22-07-2020 Wednesday	Mechanics	Mechanics	-	Mechanics	Mechanics	Mechanics
24-07-2020 Friday	Physics	Physics	-	Physics	Physics	Physics
27-07-2020 Monday	Learning English	Learning English/ English for Communication	Learning English/ English for Communication	English for Communication	-	-

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
B.Tech. (Semester-4)

Date / Day	Mechanical Engineering	Civil Engineering	Electrical Engineering	Computer Science and Engineering	Electronics and Communication Engineering	Metallurgical and Materials Engineering
10:30 AM - 12:30 PM (Forenoon)						
25-07-2020 Saturday	Theory of Machines - II	Structural Analysis	-	-	-	-
26-07-2020 Sunday	-	Transportation Engineering	-	-	-	-
27-07-2020 Monday	Infrastructure Planning and Management/ Introduction to Signal Processing	Infrastructure Planning and Management/ Elements of Mechanical Engineering/ Introduction to Signal Processing	Infrastructure Planning and Management/ Elements of Mechanical Engineering	Infrastructure Planning and Management/ Elements of Mechanical Engineering	Infrastructure Planning and Management/ Elements of Mechanical Engineering	Introduction to Signal Processing / Elements of Mechanical Engineering/ Infrastructure Planning and Management
28-07-2020 Tuesday	Environmental Science, Technology and Management	Environmental Science, Technology and Management	Environmental Science Technology and Management	Environmental Science Technology and Management	Environmental Science, Technology and Management	Environmental Science, Technology and Management
29-07-2020 Wednesday	Partial Differential Equations	Introduction to Civil Engineering and Construction Materials	Electric Machines	Combinatorics, Probability and Statistics	Analog Communication	Materials Processing
30-07-2020 Thursday	Digital Logic and Systems/ Introduction to Biomaterials	Digital Logic and Systems/ Introduction to Biomaterials	Introduction to Biomaterials	Introduction to Biomaterials	Introduction to Biomaterials	Digital Logic and Systems
31-07-2020 Friday	Mechanics of Solids	Hydraulics	Digital Electronics and Microprocessor	Design and Analysis of Algorithms	-	Physical Metallurgy
2:30 PM - 4:30 PM (Afternoon)						
22-07-2020 Wednesday	Thermodynamics	-	Network Theory	-	Network Theory	Transport Phenomena and Kinetics of Metallurgical Processes

23-07-2020 **Thursday**	Introduction to Economics/ Speaking and Presentation/ Social Psychology/ International Business/ General Studies and Current Affairs - 1	General Studies and Current Affairs - 1/ International Business/ Introduction to Economics/ Social Psychology/ Odissi Dance-1/ Speaking and Presentation	Introduction to Economics/ International Business/ Speaking and Presentation/ Odissi Dance-1/ Social Psychology/ General Studies and Current Affairs - 1	International Business/ General Studies and Current Affairs - 1/ Social Psychology/ Odissi Dance-1/ Speaking and Presentation/ Introduction to Economics	Speaking and Presentation/ Introduction to Economics/ General Studies and Current Affairs - 1/ Social Psychology/ International Business/ Odissi Dance-1	General Studies and Current Affairs - 1/ Speaking and Presentation/ Social Psychology/ International Business/ Odissi Dance-1/ Introduction to Economics
24-07-2020 **Friday**	-	-	-	Digital Electronic Circuits	Digital Electronic Circuits	-

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
B.Tech. (Semester-6)

Date / Day	Metallurgical and Materials Engineering	Computer Science and Engineering	Electrical Engineering	Civil Engineering	Electronics and Communication Engineering	Mechanical Engineering
10:30 AM - 12:30 PM (Forenoon)						
22-07-2020 Wednesday	Industrial Engineering & Management/ Utilization of Electric Power/ Construction Planning and Management	Construction Planning and Management/ Industrial Engineering & Management/ Utilization of Electric Power	Construction Planning and Management/ Industrial Engineering & Management	Utilization of Electric Power/ Industrial Engineering & Management	Construction Planning and Management/ Industrial Engineering & Management/ Utilization of Electric Power	Utilization of Electric Power/ Construction Planning and Management
23-07-2020 Thursday	-	-	-	Design of Steel Structures	-	-
24-07-2020 Friday	Global Communication/ Environomics	-	Environomics/ Global Communication	Environomics/ Global Communication	Global Communication/ Environomics	-
25-07-2020 Saturday	Iron and Steel making	-	Control Systems	-	Control Systems	Robotics
26-07-2020 Sunday	-	-	-	-	VLSI Design	Computational Fluid Dynamics
30-07-2020 Thursday	Satellite Communication Engineering	Satellite Communication Engineering	Satellite Communication Engineering	-	-	Satellite Communication Engineering
2:30 PM - 4:30 PM (Afternoon)						
23-07-2020 Thursday	Introduction to simulation and modeling in materials	-	Power System Operation and Control	-	-	-
24-07-2020 Friday	Managerial Economics/ Applied Organizational Psychology	-	Managerial Economics/ Applied Organizational Psychology	Applied Organizational Psychology/ Managerial Economics	Managerial Economics/ Applied Organizational Psychology	-
27-07-2020 Monday	Introduction to Indian Philosophy	-	Introduction to Indian Philosophy	Introduction to Indian Philosophy	Introduction to Indian Philosophy	IC Engines
28-07-2020 Tuesday	Materials characterization	Applied Graph Theory	Digital Signal Processing	Foundation Engineering	Digital Signal Processing	Refrigeration & Air-Conditioning
29-07-2020 Wednesday	Deformation and mechanical working of materials	Database Systems	-	Water and Wastewater Engineering	-	Power Plant Engineering
30-07-2020 Thursday	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques	Numerical Techniques

31-07-2020 Friday	-	Computer Networks	-	-	-	Machine Tool & Machining

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
M.Tech. (Semester-2)

Date / Day	Power Electronics and Drives	Water Resources Engineering	Mechanical Systems Design	Power System Engineering	Electronics and Communication Engineering	Climate Science and Technology	Thermal Science and Engineering	Manufacturing Engineering	Metallurgical and Materials Engineering	Geotechnical Engineering
10:30 AM - 12:30 PM (Forenoon)										
22-07-2020 Wednesday	Power System Dynamics and Control	Hydraulics of Sediment Transport	Dynamics and Control of Mechanical Systems	Power System Dynamics and Control	-	-	-	-	-	-
24-07-2020 Friday	HVDC and Flexible AC Transmission Systems	-	-	HVDC and Flexible AC Transmission Systems	Communication Network	-	-	-	-	-
25-07-2020 Saturday	-	-	-	-	-	Remote Sensing and GIS Applications	-	-	-	-
26-07-2020 Sunday	-	-	-	-	-	Tropical Meteorology	-	-	-	-
2:30 PM - 4:30 PM (Afternoon)										
23-07-2020 Thursday	-	-	-	Power System Protection	-	-	Advanced Heat Transfer	-	-	-
27-07-2020 Monday	Advanced Power Electronic Converters	Ground Water Hydrology	Acoustics	Advanced Power Electronic Converters	-	Planetary and Marine Boundary Layer	Compressible Flows	Advanced Manufacturing Processes-II	Modeling and Simulation of Materials	-
28-07-2020 Tuesday	Grid Integration of Renewable Energy Systems	-	Applied Elasticity	Grid Integration of Renewable Energy Systems	-	-	-	Digital Manufacturing	-	Geotechnics of Polluted Sites
29-07-2020 Wednesday	-	-	Vibration of Structures	-	-	-	Transport Phenomena in Material Processing	Vibration of Structures/ Solid State Joining Processes	Phase Transformation in Materials	-

Date										
30-07-2020 Thursday	-	-	-	-	-	-	High Performance Computing in Thermo-Fluids Applications	-	Advanced Electrochemical Methods	-
31-07-2020 Friday	Advanced Machine Drives	Science of Climate and Climate Change	-	-	-	Simulations of Atmospheric and Oceanic Processes	-	-	-	-

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
M.Sc. (Semester-2)

Date / Day	Atmosphere and Ocean Sciences	Physics	Mathematics	Geology	Chemistry
10:30 AM - 12:30 PM (Forenoon)					
24-07-2020 Friday	Ocean State Forecasting	Atomic & Molecular Physics	Complex Analysis	Geomorphic processes and Sedimentary Rocks	Thermodynamics and Chemical Equilibrium
25-07-2020 Saturday	-	-	-	Applied Paleontology & Stratigraphy	-
26-07-2020 Sunday	Tropical Meteorology	-	-	-	-
27-07-2020 Monday	-	-	-	-	Principles of Organometallic and Bioinorganic Chemistry
28-07-2020 Tuesday	Observational techniques in Climate Science	-	-	Applied Hydrogeology	Advanced Organic Chemistry
2:30 PM - 4:30 PM (Afternoon)					
22-07-2020 Wednesday	Air-Sea Interaction	-	Algebra	Geophysical Techniques	-
27-07-2020 Monday	Numerical Weather Prediction	Statistical Mechanics	-	-	-
28-07-2020 Tuesday	-	-	Topology	-	-
29-07-2020 Wednesday	-	Optics and Photonics	Ordinary Differential Equations	-	-
30-07-2020 Thursday	-	Electrodynamics - II	Numerical Analysis	Engineering Geology and Rock Mechanics	Group Theory and Spectroscopy
31-07-2020 Friday	Remote Sensing and GIS	Quantum Mechanics - II	-	Remote Sensing and GIS	Computational Methods and Applications

Indian Institute of Technology Bhubaneswar
Spring End-Semester Examination - 2020
Ph.D.

Date / Day	Mechanical	Economics	English	Geosciences	SHSSM	ATMOSPHERE OCEAN SCIENCES	Physics	Bioscience	Mathematics	Computer Science and Engineering	Chemistry	SMMME	Electronics and Communication Engineering	Electrical Engineering	Infrastructure
10:30 AM - 12:30 PM (Forenoon)															
22-07-2020 Wednesday	Dynamics and Control of Mechanical Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24-07-2020 Friday	-	Applied Econometrics/ Applied Econometrics	Language in Mind (NPTEL)	-	-	-	-	-	-	-	-	-	-	-	-
25-07-2020 Saturday	-	-	-	Remote Sensing and GIS Applications	-	-	-	-	-	-	-	-	-	-	-
28-07-2020 Tuesday	-	Special Areas of Environmental Economics	-	-	Indian Writing in English (FICTION)	-	-	-	-	-	-	-	-	-	-
2:30 PM - 4:30 PM (Afternoon)															
27-07-2020 Monday	Acoustics	-	-	-	-	Planetary and Marine Boundary Layer	Modeling and Simulation of Materials	-	-	-	-	-	-	-	-
29-07-2020 Wednesday		Research Methodology and Data Analysis	Research Methodology and Data Analysis/ Emotional Intelligence (NPTEL)	Paleoceanography & Paleoclimatology	-	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	-	-
30-07-2020 Thursday	-	-	-	Analytical & Measurement Techniques	-	-	-	-	-	-	-	Advanced Electrochemical Methods	-	-	-
31-07-2020 Friday	Scientific and Technical Writing/ Scientific and Technical Writing	Scientific and Technical Writing	Scientific and Technical Writing	-	-	Simulations of Atmospheric and Oceanic Processes	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	Science of Climate and Climate Change