

# Indian Institute of Technology Bhubaneswar

## Spring End-Semester Examination - 2017

B.Tech. (Semester-2)

**4:00 PM–7:00 PM (Afternoon)**

	<b>4:00 PM–7:00 PM (Afternoon)</b>					
<b>Date / Day</b>	<b>Metallurgical and Materials Engineering</b>	<b>Electrical Engineering</b>	<b>Mechanical Engineering</b>	<b>Computer Science and Engineering</b>	<b>Civil Engineering</b>	<b>Electronics and Communication Engineering</b>
24-04-2017 Monday	Mathematics - II					
25-04-2017 Tuesday	Physics					
26-04-2017 Wednesday	English for Communication / Learning English					
27-04-2017 Thursday	Mechanics					
01-05-2017 Monday	Electrical Technology					
02-05-2017 Tuesday	Chemistry / Introduction to Programing and Data Structures					

# Indian Institute of Technology Bhubaneswar

## Spring End-Semester Examination - 2017

B.Tech. (Semester-4)

**9:00 AM–12:00 PM (Forenoon)**

Date / Day	Mechanical Engineering	Metallurgical and Materials Engineering	Civil Engineering	Electrical Engineering	Computer Science and Engineering
24-04-2017 Monday	Theory of Machines - II	Transport Phenomena and Kinetics of Metallurgical Processes	Hydraulics	Analog Electronics Circuits	Design and Analysis of Algorithms
25-04-2017 Tuesday	Environmental Science, Technology and Management				
26-04-2017 Wednesday	General Studies and Current Affairs-II/ Speaking and Presentation/ Entrepreneurship	General Studies and Current Affairs-II/ Entrepreneurship	Speaking and Presentation/ General Studies and Current Affairs-II/ Entrepreneurship		
27-04-2017 Thursday	Thermodynamics	Physical Metallurgy	Introduction to Civil Engineering and Construction Materials	Network Theory	-
28-04-2017 Friday	Digital Logic and Systems/ Transducer, Sensors and Measurement/ Building Materials and Construction/ Advances in nanoscience and nanotechnology	Elements of Mechanical Engineering/ Transducer, Sensors and Measurement/ Digital Logic and Systems	Transducer, Sensors and Measurement/ Elements of Mechanical Engineering/ Digital Logic and Systems/ Advances in nanoscience and nanotechnology	Advances in nanoscience and nanotechnology/ Building Materials and Construction/ Elements of Mechanical Engineering	Building Materials and Construction/ Advances in nanoscience and nanotechnology/ Transducer, Sensors and Measurement/ Elements of Mechanical Engineering
29-04-2017 Saturday	Odissi Dance - I				
01-05-2017 Monday	Mechanics of Solids	Materials Processing	Structural Analysis	Digital Electronics Circuits	Digital Electronics Circuits
02-05-2017 Tuesday	Partial Differential Equations	-	Transportation Engineering	-	Combinatorics, Probability and Statistics

# Indian Institute of Technology Bhubaneswar

## Spring End-Semester Examination - 2017

B.Tech. (Semester-6)

### 9:00 AM–12:00 PM (Forenoon)

Date / Day	Civil Engineering	Electrical Engineering	Computer Science and Engineering	Mechanical Engineering	Metallurgical and Materials Engineering
28-04-2017 Friday	Applied Organizational Psychology	-	-	-	-
01-05-2017 Monday			Applied Graph Theory		

### 4:00 PM–7:00 PM (Afternoon )

24-04-2017 Monday	Foundation Engineering	Power Electronics	Computer Networks	Computational Fluid Dynamics	Deformation and mechanical working of materials
25-04-2017 Tuesday	-	Control Systems	-	IC Engines	Introduction to simulation and modeling in materials
26-04-2017 Wednesday	Introduction to Economics/ Social Psychology		-	Machine Tool & Machining	Introduction to Economics/ Social Psychology
27-04-2017 Thursday	Design of Steel Structures	-	Operating Systems	Power Plant Engineering	Iron and Steel making
28-04-2017 Friday	Computer Networks and Security/ Industrial Engineering & Management/ Sustainable Processes and Materials	Geo-Environmental Management/ Computer Networks and Security/ Industrial Engineering & Management	Soft Computing and Applications/ Geo-Environmental Management/ Industrial Engineering & Management	Geo-Environmental Management/ Soft Computing and Applications/ Computer Networks and Security/ Sustainable Processes and Materials	Industrial Engineering & Management/ Soft Computing and Applications/ Computer Networks and Security
01-05-2017 Monday	-	Digital Signal Processing	Digital Signal Processing	Refrigeration & Air-Conditioning	Materials characterization
02-05-2017 Tuesday	Water and Wastewater Engineering	-	Computational Geometry	Robotics/ Operations Research	-

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## Spring End-Semester Examination - 2017

B.Tech. (Semester-8)

**9:00 AM–12:00 PM (Forenoon)**

Date / Day	Civil Engineering	Computer Science and Engineering	Mechanical Engineering	Electrical Engineering
24-04-2017 Monday	Water Resources Systems/ Economic Evaluation of Transportation System	Cloud Computing	Applied Ergonomics/ Transport Phenomena in Material Processing/ Theory of Composite Materials	Power System Dynamics and Control
25-04-2017 Tuesday	Advanced Water and Wastewater Engineering/ Dynamics of Soil and Foundations	Emotional Intelligence/ Pattern Recognition	Emotional Intelligence	Pattern Recognition
26-04-2017 Wednesday	-	Financial Management		Information Theory and Coding
27-04-2017 Thursday	Advanced Concrete Technology/ Analysis and Design of Pavements	-	Design and Analysis of Experiments/ Work System Design/ High Performance Computing in Thermo- Fluids Applications	Wireless and Mobile Communication/ Smart Grid Technology
28-04-2017 Friday	-	Applied Organizational Psychology	Applied Organizational Psychology	Advanced Digital Signal Processing
01-05-2017 Monday	Advanced Solid Mechanics/ Advanced Environmental Engineering	Applied Graph Theory/ Artificial Intelligence	Advanced Heat Transfer	Bio-Medical Signal Processing/ HVDC and Flexible AC Transmission Systems/ Artificial Intelligence
02-05-2017 Tuesday	Fundamentals of Traffic Flow Theory	-	-	Power System Protection/ Satellite Communication

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## Spring End-Semester Examination - 2017

M.Tech. (Semester-2)

### 9:00 AM–12:00 PM (Forenoon)

Date / Day	Thermal Science and Engineering	Power System Engineering	Electronics and Communication Engineering	Mechanical Systems Design	Climate Science and Technology	Materials Science and Engineering	Transportation Engineering	Structural Engineering
24-04-2017 Monday	Transport Phenomena in Material Processing	Power System Dynamics and Control	Modern Radar System	Theory of Composite Materials/ Applied Ergonomics	Simulation of Atmospheric and Oceanic Processes	Heat Treatment of Materials	Economic Evaluation of Transportation System	-
25-04-2017 Tuesday	Experimental Fluid Mechanics/ Mathematical Methods for Mechanical Engineers	Pattern Recognition	Pattern Recognition	Mathematical Methods for Mechanical Engineers	Advanced Dynamic Meteorology	Diffusion in Solids	-	Dynamics of Soil and Foundations
26-04-2017 Wednesday	Compressible Flows	Distribution System Engineering	Information Theory and Coding/	MEMS & Microsystems Technology	Ocean Colour and Applications	Advance Electrochemical Methods: Theory and Applications	-	-
27-04-2017 Thursday	High Performance Computing in Thermo-Fluids Applications	Smart Grid Technology	Wireless and Mobile Communication	Design and Analysis of Experiments	Remote Sensing and GIS Applications	Design and Analysis of Experiments	Analysis and Design of Pavements	Advanced Concrete Technology
28-04-2017 Friday			Advanced Digital Signal Processing	Dynamics and Control of Mechanical Systems	Planetary and Marine Boundary Layer	Phase Transformation in Materials	-	-

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<b>01-05-2017</b> <b>Monday</b>	Advanced Heat Transfer	HVDC and Flexible AC Transmission Systems/	Bio-Medical Signal Processing/ Photonic Network	Artificial Intelligence & Neuro-Fuzzy Theory	-	-	Advanced Environmental Engineering/ Advanced Techniques in Operation Research	Advanced Solid Mechanics
<b>02-05-2017</b> <b>Tuesday</b>	Numerical Methods in Radiative Heat Transfer/ Turbulence	Power System Protection	Satellite Communication	Applied Elasticity	-	Modeling and Simulation of Materials	Fundamentals of Traffic Flow Theory	Applied Elasticity

**Indian Institute of Technology Bhubaneswar**  
**Spring End-Semester Examination - 2017**

M.Sc. (Semester-2)

**9:00 AM–12:00 PM (Forenoon)**

<b>Date / Day</b>	<b>Geology</b>	<b>Mathematics</b>	<b>Physics</b>	<b>Atmosphere and Ocean Sciences</b>	<b>Chemistry</b>
<b>24-04-2017</b> <b>Monday</b>	Applied Hydrogeology	Complex Analysis	Quantum Mechanics II	Numerical Weather Prediction	Group Theory and Spectroscopy
<b>25-04-2017</b> <b>Tuesday</b>	Geomorphic processes and Sedimentary Rocks	Topology	Statistical Mechanics	Ocean State Forecasting	-
<b>26-04-2017</b> <b>Wednesday</b>	Engineering Geology and Rock Mechanics	Ordinary Differential Equations	Atomic & Molecular Physics	Observational techniques in Climate Science	Computational Methods and Applications
<b>27-04-2017</b> <b>Thursday</b>	Remote Sensing and GIS	Numerical Analysis	-	Remote Sensing and GIS	-
<b>28-04-2017</b> <b>Friday</b>	Geophysical Techniques	Algebra	Optics and Photonics	Air-Sea Interaction	Thermodynamics and Chemical Equilibrium
<b>01-05-2017</b> <b>Monday</b>	Applied Paleontology & Stratigraphy	-	-	-	Advanced Organic Chemistry
<b>02-05-2017</b> <b>Tuesday</b>	-	-	Electrodynamics II	Tropical Meteorology	Principles of Organometallic and Bioinorganic Chemistry

**Indian Institute of Technology Bhubaneswar**  
**Spring End-Semester Examination - 2017**  
M.Sc. (Semester-4)

<b>9:00 AM–12:00 PM (Forenoon)</b>					
<b>Date / Day</b>	<b>Atmosphere and Ocean Sciences</b>	<b>Mathematics</b>	<b>Geology</b>	<b>Chemistry</b>	<b>Physics</b>
26-04-2017 Wednesday	Ocean Colour and Applications	-	-	-	-
01-05-2017 Monday	-	Advanced Techniques in Operation Research	-	-	-
02-05-2017 Tuesday	-	Partial Differential Equations	-	-	-
<b>4:00 PM–7:00 PM (Afternoon )</b>					
24-04-2017 Monday	Satellite Meteorology	-	Environmental Earth Sciences	-	-
25-04-2017 Tuesday	-	-	Isotope Geology	-	-
26-04-2017 Wednesday	-	Number Theory/ Numerical Linear Algebra	-	Design and Application of Nanomaterials	Magnetism in Materials
27-04-2017 Thursday	-	Complex Dynamics	-	Structure and Function of Biomolecules	Particle Physics
28-04-2017 Wednesday	Science of Climate Change	Measure Theory and Integration	Reservoir Characterization	Organic Spectroscopy	Semiconductor Physics
01-05-2017 Monday	-	-	-	Advanced Quantum Chemistry	-
02-05-2017 Tuesday	Mesoscale Modelling	-	-	-	-



**Indian Institute of Technology Bhubaneswar**  
**Spring End-Semester Examination - 2017**  
**Ph.D.**

**9:00 AM–12:00 PM (Forenoon)**

<b>Date / Day</b>	<b>Minerals, Metallurgical &amp; Materials Engineering</b>	<b>Mechanical Sciences</b>	<b>Earth, Ocean and Climate Sciences</b>	<b>Infrastructure</b>	<b>Electrical Sciences</b>	<b>Basic Sciences</b>	<b>Humanities, Social Sciences &amp; Management</b>
<b>24-04-2017 Monday</b>	Theory of Composite Materials	Transport Phenomena in Material Processing/ Theory of Composite Materials	Simulation of Atmospheric and Oceanic Processes	Economic Evaluation of Transportation System	Modern Radar System	-	-
<b>25-04-2017 Tuesday</b>	Diffusion in Solid	Experimental Fluid Mechanics/ Mathematical Methods for Mechanical Engineers	-	Dynamics of Soil and Foundations/ Advanced Water and Wastewater Engineering		-	-
<b>26-04-2017 Wednesday</b>	-	-	Ocean Colour and Applications	-		-	-
<b>27-04-2017 Thursday</b>	Design and Analysis of Experiments	High Performance Computing in Thermo-Fluids Applications/ Design and Analysis of Experiments	High Performance Computing in Thermo-Fluids Applications	Remote Sensing and GIS	Smart Grid Technology/ Wireless and Mobile Communication/ Remote Sensing and GIS	High Performance Computing in Thermo-Fluids Applications	-
<b>28-04-2017 Friday</b>	-	Dynamics and Control of Mechanical Systems	Planetary and Marine Boundary Layer	-	Fundamentals of MIMO Wireless Communication	-	-

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01-05-2017 Monday	-	Advanced Heat Transfer/ Artificial Intelligence & Neuro-Fuzzy Theory	Advanced Techniques in Operation Research	Advanced Environmental Engineering/ Advanced Techniques in Operation Research	Bio-Medical Signal Processing/ Advanced Techniques in Operation Research/ HVDC and Flexible AC Transmission Systems	Advanced Techniques in Operation Research	-
02-05-2017 Tuesday	-	-	-	Fundamentals of Traffic Flow Theory	-	-	-
<b>4:00 PM–7:00 PM (Afternoon )</b>							
24-04-2017 Monday	-	-	-	-	Estimation of Signals and Systems	-	-
25-04-2017 Tuesday	-	Research Methodology and Data Analysis		-	Research Methodology and Data Analysis		
26-04-2017 Wednesday	-	-	-	-	-	Design and Application of Nanomaterials/ Magnetism in Materials	-
27-04-2017 Thursday	-	-	Paleoceanography and Paleoclimatology	-	-	Particle Physics/ Complex Dynamics/ Structure and Function of Biomolecules	-
28-04-2017 Friday	-	-	-	-	Semiconductor Physics	Semiconductor Physics	-
01-05-2017 Monday	Advanced Composites	-	-	-	-	Advanced Quantum Chemistry	-
02-05-2017 Tuesday	-	Scientific and Technical Writing			High Speed Devices & Circuits / Scientific and Technical Writing	Scientific and Technical Writing	

