

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## AUTUMN SEMESTER EXAMINATION

Date/ Day	09:30 AM – 12:30 PM (FORENOON)		
	B. Tech.		7 <sup>th</sup> Semester
	<b>Civil Engineering</b>	<b>Electrical Engineering</b>	<b>Mechanical Engineering</b>
<b>23.11.2015 Monday</b>	Pavement Material Characterization / Modern Construction Materials	Advanced Communication Engineering / Power System Analysis and Operation	Non- Traditional Manufacturing Process/ Quality Assurance and Reliability/ Computational Methods in Thermal and Fluids Engineering/ Vibrations
<b>24.11.2015 Tuesday</b>	Structural Dynamics and Earthquake Engineering	Embedded Systems	Applied Thermo-Fluids- 2
<b>26.11.2015 Thursday</b>	Finite Elements Methods in Engineering/ Ground Improvement / Operations Management/ Environmental Management & Impact Assessment	Statistical Signal Processing / Electric Power Quality	Ground Improvement/ Finite Elements Methods in Engineering/ Operations Management
<b>27.11.2015 Friday</b>	Marketing Management/ Understanding Human Behavior		
<b>28.11.2015 Saturday</b>		Computational Intelligence	
<b>30.11.2015 Monday</b>		Image and Video Processing	Systems and Controls (B. Tech. 7 <sup>th</sup> and 5 <sup>th</sup> semester)

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**  
**AUTUMN SEMESTER EXAMINATION**

Date/ Day	02:30 PM – 5:30 PM (AFTERNOON)			
	B. Tech.		5 <sup>th</sup> Semester	
	<b>Civil Engineering</b>	<b>Electrical Engineering</b>	<b>Computer Science and Engineering</b>	<b>Mechanical Engineering</b>
<b>23.11.2015</b> <b>Monday</b>	Design of Reinforced Concrete Structures	Electric Machines Instrumentation and Control System Engineering	Formal Languages and Automata Theory	Heat Transfer
<b>24.11.2015</b> <b>Tuesday</b>	Soil Mechanics	Communication Engineering	Computer Organization and Architecture	Design of Machine Elements
<b>26.11.2015</b> <b>Thursday</b>	Water Resources Engineering	Measurement and Electronic Instruments	Database Systems	Casting, Welding and Forming
<b>27.11.2015</b> <b>Friday</b>	Microcontrollers & Embedded Systems/ Environmental Pollution Management/ Recent advances in composite materials/ Condensed Matter Physics/ Control System Technology/ Applied Thermodynamics/			
<b>30.11.2015</b> <b>Monday</b>	Managerial Economics	Electromagnetic Engineering	Managerial Economics	

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**  
**AUTUMN SEMESTER EXAMINATION**

<b>Date/ Day</b>	<b>09:30 AM – 12:30 PM (FORENOON)</b>				
	<b>B. Tech.</b>		<b>3<sup>rd</sup> Semester</b>		
	<b>Computer Science and Engineering</b>	<b>Electrical Engineering</b>	<b>Civil Engineering</b>	<b>Mechanical Engineering</b>	<b>Metallurgical and Materials Engineering</b>
<b>23.11.2015 Monday</b>	Introduction to Electronics		Basic Electronics		
<b>24.11.2015 Tuesday</b>	Signals and Systems		Solid Mechanics	Theory of Machines - I	Thermodynamics of Materials
<b>26.11.2015 Thursday</b>	Discrete Structures	Probability Statistics and Stochastic Processes		Transform Calculus	Numerical Methods
<b>27.11.2015 Friday</b>	Speaking and Presentation / International Business		Surveying	Fluid Mechanics	Speaking and Presentation / International Business
<b>28.11.2015 Saturday</b>	Introduction to Materials Science and Engineering				
<b>30.11.2015 Monday</b>	Introduction to Bio Science and Technology				

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**  
**AUTUMN SEMESTER EXAMINATION**

<b>Date/ Day</b>	<b>02:30 PM – 5:30 PM (AFTERNOON)</b>	
	B. Tech.	1 <sup>st</sup> Semester
	<b>Section 1</b>	<b>Section 2</b>
<b>23.11.2015</b> Monday	Mathematics-1	
<b>24.11.2015</b> Tuesday	Chemistry	Physics
<b>26.11.2015</b> Thursday	English for Communication/ Learning English	Mechanics
<b>27.11.2015</b> Friday	Electrical Technology	Introduction to Programming and Data Structure

<b>Date/ Day</b>	<b>02:30 PM – 05:30 PM (AFTERNOON)</b>	
	<b>PhD</b>	
<b>23.11.2015</b> Monday	English for Technical Writing	
<b>24.11.2015</b> Tuesday	Research Methodology and Data Analysis	
<b>26.11.2015</b> Wednesday	Analytical Measurement Techniques	

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## AUTUMN SEMESTER EXAMINATION

Date/ Day	09:30 AM - 12:30 PM (FORENOON)							
	M. Tech 1 <sup>st</sup> Semester							
	Structural Engineering	Transportation Engineering	Electronics & Communication Engineering	Power System Engineering	Mechanical Systems Design	Thermal Science and Engineering	Climate Science & Technology	Materials Science and Engineering
<b>23.11.2015 Monday</b>	Modern Construction Materials	Pavement Material Characterization	Advanced Communication Engineering	Power System Analysis and Operation	Vibrations	Computational Methods in Thermal & Fluid Engineering	Physics of Atmosphere and Ocean	Advanced Thermodynamics and Kinetics
<b>24.11.2015 Tuesday</b>	Advanced Structural Analysis	Urban Transportation Planning			Advanced Solid Mechanics	Advanced Fluid Dynamics	Dynamics of Atmosphere and Ocean	Materials Processing
<b>26.11.2015 Thursday</b>	Finite Elements Methods in Engineering	Environmental Management & Impact Assessment	Statistical Signal Processing	Electric Power Quality	Finite Elements Methods in Engineering		Earth and Its Interior	Materials Characterization
<b>27.11.2015 Friday</b>	Mathematical Methods						Advanced Computational Fluid Dynamics	Advanced Physical Metallurgy
<b>28.11.2015 Saturday</b>	Dynamics of Structures		Computational Intelligence				Mathematical and Statistical Methods in Earth System Science	
<b>30.11.2015 Monday</b>		Design of Transportation Facilities and Safety	Image and Video Processing	Renewable and Distributed Energy Sources	Robotics and Automation	Advanced Thermodynamics	Atmospheric Chemistry and Aerosol	Transport Phenomena

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**  
**AUTUMN SEMESTER EXAMINATION**

Date/ Day	<b>02:30 PM – 5:30 PM (AFTERNOON)</b>				
	<b>Joint M. Sc. - PhD 1<sup>st</sup> Semester</b>				
	<b>Physics</b>	<b>Chemistry</b>	<b>Mathematics</b>	<b>Geology</b>	<b>Atmosphere and Ocean Sciences</b>
<b>23.11.2015 Monday</b>	Classical Mechanics	Introduction to Quantum Chemistry	Linear Algebra	Understanding Earth System	Fundamental of Meteorology & Oceanography
<b>24.11.2015 Tuesday</b>	Mathematical Physics	Inorganic Chemistry- Structure, Principle and Reactivity	Real Analysis	Igneous and Metamorphic Petrogenesis	Mathematical and Statistical Methods in Climate Science
<b>26.11.2015 Thursday</b>	Quantum Mechanics I	Concept of Organic Synthesis	Discrete Mathematics	Structural Geology	Physics of Atmosphere & Ocean
<b>27.11.2015 Friday</b>	Electrodynamics I	Mathematics for Chemists	Probability and Statistics	Advanced Mineralogy & Crystallography	Dynamics of Atmosphere & Ocean
<b>30.11.2015 Monday</b>	Electronics		Computer Programming and Data Structures	Computational Geosciences	Atmospheric Chemistry and Aerosol

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**  
**AUTUMN SEMESTER EXAMINATION**

Date/ Day	09:30 AM – 12:30 PM (FORENOON)				
	Joint M. Sc. – PhD 3 <sup>rd</sup> Semester				
	Physics	Chemistry	Mathematics	Geology	Atmosphere and Ocean Sciences
<b>23.11.2015</b> <b>Monday</b>	Nuclear and Particle Physics	Analytical Chemistry	Functional Analysis	Ore Geology	Micro Meteorology and Oceanography
<b>24.11.2015</b> <b>Tuesday</b>	Condensed Matter Physics	Advanced Heterocyclic Chemistry	Continuum Mechanics	Coal and Petroleum Geology	Atmospheric Diffusion, Air and Water Pollution
<b>26.11.2015</b> <b>Thursday</b>	Methods in Experimental Nuclear and Particle Physics	Biochemistry	Optimization Techniques		Basics of Fluid Dynamics
<b>27.11.2015</b> <b>Friday</b>	Accelerator based physics of solids/ Physics and Technology of Lasers	Solid State Chemistry	Number theory	Tectonics and Crustal Evolution	Tropical Cyclone and Storm Surge Modelling
<b>28.11.2015</b> <b>Saturday</b>	Introduction to Computational Methods (1st Sem)			Mathematical and Statistical Methods in Earth System Science	Satellite Oceanography Modelling of Dynamical Processes of Ocean and Atmosphere (1st Sem)
<b>30.11.2015</b> <b>Monday</b>		Physical Methods in Inorganic Chemistry	Numerical Solution of ordinary and Partial Differential Equations		Objective Analysis and Data Assimilation