



# Indian Institute of Technology Bhubaneswar

## Class Time Table, School of Mechanical Sciences, Autumn-2019-20

**BTech in Mechanical Engineering (ME), MTech in Mechanical Systems Design (MSD), MTech in Thermal Science and Engineering (TSE), Mtech in Manufacturing Engineering (ME)**

Day	Programme	Semester	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	1:30 - 2:30	2:30 - 3:30	3:30 - 4:30	4:30 - 5:30	BTech in Mechanical Engineering (Third Semester)	MTech in Mechanical Systems Design (First Semester)
<b>Monday</b>	<b>BTech</b>	Third	TOM(L) 318, SES	TOM(L) 318, SES	FM (L) 318, SES	FM (L) 318, SES	Lunch Break	WP (Gr-2)/FM Lab (Gr-1) Workshop/Fluid Dynamics Laboratory			BTech in Mechanical Engineering (Third Semester) TOM: Theory of Machines - I (ME2L001) [Dr. D. R. Pattabhi] BE: Basic Electronics (EC2L005) [Dr. Soumyaprakash Dash] TC: Transform Calculus (Mathematics – V) (MA2L005) [Prof. Vasudeva R Yerikalapudy] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Kisor K Sahu & Dr. Kodanda R Mangipudi] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury] FM: Fluid Mechanics (ME2L002) [Dr. Y. G. Bhumkar] WP: Workshop Processes (ME2P001) [Dr. V. Pandu Ranga] BE LAB: Basic Electronics Laboratory (EC2P005) [Gr-B: Dr Prashant Kumar Sahu] FM LAB: Fluid Mechanics Laboratory (ME2P002) [Dr. A. Venugopal, Dr. Y. G. Bhumkar] Project Seminar (ME2S001) [Dr. S. V. Mullick]	MTech in Mechanical Systems Design (First Semester) Vibrations (ME6L001) [Dr. B. R. Pattabhi] Advanced Solid Mechanics (ME6L002) [Dr. A. K. Pradhan, Dr. M. K. Pandit] <b>Elective I</b> : SA: Sensing and Actuation (ME6L008) [Dr. S. Dhandole], DS: Dynamics of Structures (CE6L301) [Dr. G. Mandal] <b>Elective II</b> : FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi], MMME: Mathematical Methods for Mechanical Engineers (ME6L120) [Dr. S. Kondaraju] <b>Elective III</b> : OM: Operations Management (ME6L010) [Dr. G. Bartarya], RA: Robotics and Automation (ME6L013) [Dr. V. Pandu Ranga] Mechanical Systems Simulation Lab I (ME6P001) [Dr. A. N. Bhattacharya] Experimental Techniques for Mechanical Engineers (ME6P002) [Dr. S. Dhandole] Seminar I (ME6S001) [Dr. S. Dhandole]
		Fifth	HT (L), 304 SMS	HT (L), 304 SMS	CWF SMS, 304	Lunch Break	Machine Design Practice (Gr 1) SMS, G23					
		Seventh			SE/OM/GTJP SMS, 220/219/319	SE SMS, 220	Lunch Break	Breadth - 2	Breadth - 2			
	MTech (MSD)	First	SA SMS, 320	SA SMS, 320	OM/RA SMS, 219/320	Lunch Break	MSSL SMS, 208					
	MTech (ME)	First			OM/RA SMS, 219/320	Lunch Break	LM/MC SMS, 220/SIF, 220	LM/MC SMS, 220/SIF, 220				
MTech (TSE)	First	CMTFE SMS, 219	CMTFE SMS, 219	SE/GTJP SMS, 220/319	SE SMS, 220	Lunch Break						
<b>Tuesday</b>	<b>BTech</b>	Third	BE (L) 318, SES		BE Lab (Gr-B) SES		Lunch Break	WP (Gr-1)/FM Lab (Gr-2) Workshop/Fluid Dynamics Laboratory			BTech in Mechanical Engineering (Fifth Semester) Heat Transfer (ME3L001) [Dr. S. Kondaraju] Design of Machine Elements (ME3L002) [Dr. A. K. Pradhan] Casting, Welding and Forming (ME3L003) [Dr. M. M. Mahapatra] Systems & Control (ME3L004) [Dr. S. Dhandole] Thermo-Fluid Lab - 1 (ME3P001) [Dr. M. K. Das, Dr. P. Rath] Casting, Welding and Forming Laboratory (ME3P002) [Dr. M. M. Mahapatra] Machine Design Practice (ME3P003) [Dr. A. K. Pradhan, Dr. B. R. Pattabhi] <b>Lateral 2:</b> Lateral 2: ATD: Applied Thermodynamics (ME3L501) [Dr. S.R.Kannan], 116, SES IOD: Introduction to Ocean Dynamics (CL3L001) [Dr. Sourav Sij], 218, SES CST: Control System Technology (EE3L005) [Dr. S. Sau], 205, SES EPM: Environmental Pollution Management (CE3L031) [Dr. Remya Neelanchhery+Dr. Rajesh Roshan Dash], 318, SES EFE: Electrodynamics for Engineers (PH3L001) [Dr. Abhishek Chowdhury+Dr. Avijit Kumar]; 118, SES	MTech in Thermal Science and Engineering (First Semester) Advanced Fluid Dynamics (ME6L101) [Dr. A. Venugopal] Computational Methods in Thermal & Fluid Engineering (ME6L102) [Dr. P. Rath] <b>Elective I</b> : AT: Advanced Thermodynamics (ME6L105) [Dr. S. K. Mahapatra], IAR: Introduction to Atmospheric Radiation (ME6L117)[Dr. S. R. Kannan] <b>Elective II</b> : FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi], MMME: Mathematical Methods for Mechanical Engineers (ME6L120) [Dr. S. Kondaraju] <b>Elective III</b> : SE: Solar Energy (ME6L114) [Dr. M. K. Das], GTJP: Gas Turbine and Jet Propulsion (ME6L110) [Dr. A. N. Bhattacharya] Mechanical Systems Simulation Lab - I (ME6P001) [Dr. A. N. Bhattacharya] Advanced Thermo-Fluids Lab (ME6P102) [Dr. S. K. Mahapatra] Seminar I (ME6S201) [Dr. P. Rath]
		Fifth	DME, 304 SMS	DME, 304 SMS	SNC, SMS, 304	SNC, SMS, 304	Lunch Break		Lateral - 2	Lateral - 2		
		Seventh	FEME SMS, 319	FEME SMS, 319			Lunch Break	AMP/CADCAM SMS, 221/319	AMP/CADCAM SMS, 221/319			
	MTech (MSD)	First	MMME/FEME SMS, 219/319	MMME/FEME SMS, 219/319	Vib SMS, 319	Vib SMS, 319	Lunch Break					
	MTech (ME)	First	DAWS/FEME SMS, 220/319	DAWS/FEME SMS, 220/319	AMP-I SMS, 220	AMP-I SMS, 220	Lunch Break	MS SMS, 220	MS SMS, 220			
MTech (TSE)	First	MMME/FEME SMS, 219/319	MMME/FEME SMS, 219/319	AT/IAR SMS, 320/219	AT/IAR SMS, 320/219	Lunch Break	MSSL SMS, 208					
<b>Wednesday</b>	<b>BTech</b>	Third	BE (L) 203, LBC	BE (L) 203, LBC		Lunch Break	IBS (L) 203, LBC	IBS (L) 203, LBC	IMS (L) 203, LBC	IMS (L) 203, LBC	BTech in Mechanical Engineering (Seventh Semester) Elective - 2: AMP: Advanced Manufacturing Processes (ME4L004) [Dr. G. Bartarya], CAD/CAM: Computer Aided Design and Manufacturing (ME4L002) [Dr. S.V. Mullick] Elective – 3: OM: Operations Management (ME6L010) [Dr. G. Bartarya], GTJP: Gas Turbine and Jet Propulsion (ME6L110) [Dr. A. N. Bhattacharya], SE: Solar Energy (ME6L114) [Dr. M. K. Das], FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi] <b>Breadth - 2:</b> EI: Emotional Intelligence (HS4L007) [Dr. Anamitra Basu], 116, SES (MONDAY), 312, SIF (WEDNESDAY) BTP: Banking Theory and Practice (HS4L001) [Dr. Naresh Ch. Sahu], 118, SES (MONDAY), 313, SIF (WEDNESDAY) SIP: Substance in Indian Philosophy (HS4LXXX) [Prof. Jan Houben & Prof. Godabarisha Mishra], 219, SES (MONDAY), 319, SMS (WEDNESDAY) MT: Moral Thinking (HS4LXXX) [Dr. Vineet Sahu & Prof. Godabarisha Mishra], 218, SES (MONDAY), 219, SMS (WEDNESDAY) MII: Mathematics in India (HSXL0XX) [XXXXXXXXXXXX]; CR No. 218, SES; (Class Time: Tuesday: 13.30-15.30; Tuesday: 16.30-17.30) SAGL: Sanskrit and German Language (HSXL0XX) [Prof. Jan Houben]; CR No. 219, SES; (Class Time: Tuesday: 13.30-15.30; Tuesday: 16.30-17.30) Industrial Training Defense (ME4T001) [Dr. A. N. Bhattacharya] Project – Part 1 (ME4D001) [Dr. A. Venugopal]	MTech in Manufacturing Engineering (First Semester) Machining Science (ME6L301) [Dr. G. Bartarya] Advanced Manufacturing Processes - I (ME6L302) [Dr. V. Pandu Ranga] <b>Elective I</b> : LM: Lasers in Manufacturing (ME6L327) [Dr. S.V. Mullick], MC: Material Characterization (ML6L003)[Dr. B. Sivaiah] <b>Elective II</b> : FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi], DAWS: Design and Analysis of Welded Structures (ME6L326) [Dr. M.M. Mahapatra] <b>Elective III</b> : OM: Operations Management (ME6L010) [Dr. G. Bartarya], RA: Robotics and Automation (ME6L013) [Dr. V. Pandu Ranga] Mechanical Simulation Lab - I (ME6P350) [Dr. G. Bartarya] Advanced Manufacturing Laboratory (ME6P351) [Dr. M.M. Mahapatra] Seminar I (ME6S301) [Dr. V. Pandu Ranga]
		Fifth		CWF SMS, 304		CWF SMS, 304	HT (L), 304 SMS	Machine Design Practice (Gr 2) SMS, G23				
		Seventh					Lunch Break	FEME SMS, 319	FEME SMS, 319	Breadth - 2		
	MTech (MSD)	First		ETME SMS, G14		Lunch Break	MMME/FEME SMS, 219/319	FEME SMS, 319				
	MTech (ME)	First	MS SMS, 220	MS SMS, 220	LM/MC SMS, 220/SIF, 220	LM/MC SMS, 220/SIF, 220	Lunch Break	DAWS/FEME SMS, 220/319	DAWS/FEME SMS, 220/319			
MTech (TSE)	First	AFD SMS, 219	AFD SMS, 219	CMTFE SMS, 219	CMTFE SMS, 219	Lunch Break	MMME/FEME SMS, 219/319	FEME SMS, 319				
<b>Thursday</b>	<b>BTech</b>	Third	TC (L) 318, SES			Lunch Break	FM (L) 304, SMS	TOM(L) SMS, 304			BTech in Mechanical Engineering (Third Semester) TOM: Theory of Machines - I (ME2L001) [Dr. D. R. Pattabhi] BE: Basic Electronics (EC2L005) [Dr. Soumyaprakash Dash] TC: Transform Calculus (Mathematics – V) (MA2L005) [Prof. Vasudeva R Yerikalapudy] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Kisor K Sahu & Dr. Kodanda R Mangipudi] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury] FM: Fluid Mechanics (ME2L002) [Dr. Y. G. Bhumkar] WP: Workshop Processes (ME2P001) [Dr. V. Pandu Ranga] BE LAB: Basic Electronics Laboratory (EC2P005) [Gr-B: Dr Prashant Kumar Sahu] FM LAB: Fluid Mechanics Laboratory (ME2P002) [Dr. A. Venugopal, Dr. Y. G. Bhumkar] Project Seminar (ME2S001) [Dr. S. V. Mullick]	MTech in Mechanical Systems Design (First Semester) Vibrations (ME6L001) [Dr. B. R. Pattabhi] Advanced Solid Mechanics (ME6L002) [Dr. A. K. Pradhan, Dr. M. K. Pandit] <b>Elective I</b> : SA: Sensing and Actuation (ME6L008) [Dr. S. Dhandole], DS: Dynamics of Structures (CE6L301) [Dr. G. Mandal] <b>Elective II</b> : FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi], MMME: Mathematical Methods for Mechanical Engineers (ME6L120) [Dr. S. Kondaraju] <b>Elective III</b> : OM: Operations Management (ME6L010) [Dr. G. Bartarya], RA: Robotics and Automation (ME6L013) [Dr. V. Pandu Ranga] Mechanical Systems Simulation Lab I (ME6P001) [Dr. A. N. Bhattacharya] Experimental Techniques for Mechanical Engineers (ME6P002) [Dr. S. Dhandole] Seminar I (ME6S001) [Dr. S. Dhandole]
		Fifth	HT (T) (Gr 1), SMS, 304	DME, 304 SMS	SNC, 304 SMS	HT (T) (Gr 2), SMS, 304	Lunch Break	Lateral - 2	Lateral - 2			
		Seventh	AMP/CADCAM SMS, 221/319	CAD/CAM Lab (Gr 1) SMS, 208			Lunch Break					
	MTech (MSD)	First	SA SMS, 320	Vib SMS, 319	Vib SMS, 319	Lunch Break		ASM SMS, 319	ASM SMS, 319			
	MTech (ME)	First	AMP-I Laboratory Workshop			Lunch Break	MSL SMS, 208					
MTech (TSE)	First		AFD SMS, 219	AFD SMS, 219	Lunch Break	ATFL SMS, 202						
<b>Friday</b>	<b>BTech</b>	Third	TOM (T) /BE(T) Gr-1/(Gr-2) 202/201, LBC	BE(T) /FM (T) Gr-1/(Gr-2) 202/201, LBC	TOM (T) /FM(T) Gr-2/(Gr-1) 202/201, LBC	Lunch Break	TC (L) 318, SES	TC (L) 318, SES			BTech in Mechanical Engineering (Third Semester) TOM: Theory of Machines - I (ME2L001) [Dr. D. R. Pattabhi] BE: Basic Electronics (EC2L005) [Dr. Soumyaprakash Dash] TC: Transform Calculus (Mathematics – V) (MA2L005) [Prof. Vasudeva R Yerikalapudy] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Kisor K Sahu & Dr. Kodanda R Mangipudi] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury] FM: Fluid Mechanics (ME2L002) [Dr. Y. G. Bhumkar] WP: Workshop Processes (ME2P001) [Dr. V. Pandu Ranga] BE LAB: Basic Electronics Laboratory (EC2P005) [Gr-B: Dr Prashant Kumar Sahu] FM LAB: Fluid Mechanics Laboratory (ME2P002) [Dr. A. Venugopal, Dr. Y. G. Bhumkar] Project Seminar (ME2S001) [Dr. S. V. Mullick]	MTech in Mechanical Systems Design (First Semester) Vibrations (ME6L001) [Dr. B. R. Pattabhi] Advanced Solid Mechanics (ME6L002) [Dr. A. K. Pradhan, Dr. M. K. Pandit] <b>Elective I</b> : SA: Sensing and Actuation (ME6L008) [Dr. S. Dhandole], DS: Dynamics of Structures (CE6L301) [Dr. G. Mandal] <b>Elective II</b> : FEME: Finite Element Methods in Engineering (ME6L011) [Dr. S. N. Panigrahi], MMME: Mathematical Methods for Mechanical Engineers (ME6L120) [Dr. S. Kondaraju] <b>Elective III</b> : OM: Operations Management (ME6L010) [Dr. G. Bartarya], RA: Robotics and Automation (ME6L013) [Dr. V. Pandu Ranga] Mechanical Systems Simulation Lab I (ME6P001) [Dr. A. N. Bhattacharya] Experimental Techniques for Mechanical Engineers (ME6P002) [Dr. S. Dhandole] Seminar I (ME6S001) [Dr. S. Dhandole]
		Fifth	TFL 1 (Gr 1)/CWFL (Gr 2) SMS, 202/Workshop			Lunch Break	TFL 1 (Gr 2)/CWFL (Gr 1) SMS, 202/Workshop					
		Seventh	OM/GTJP SMS, 219/319	OM/GTJP SMS, 219/319		SE SMS, 220	Lunch Break	AMP Lab/CADCAM Lab (Gr 2) SMS, G04/208				
	MTech (MSD)	First	OM/RA SMS, 219/320	OM/RA SMS, 219/320	ASM SMS, 319	Lunch Break						
	MTech (ME)	First	OM/RA SMS, 219/320	OM/RA SMS, 219/320		Lunch Break	AMP-I SMS, 220	AMP-I SMS, 220				
MTech (TSE)	First	GTJP SMS, 319	GTJP SMS, 319	AT/IAR SMS, 320/219	SE SMS, 220	Lunch Break						

**NOTE:**  
 LBC: 1st Year Lab Complex; SBS: School of Basic Sciences; SES: School of Electrical Sciences; SIF: School of Infrastructure; SMS: School of Mechanical Sciences  
 Reserve Slot\*: For School or Institute Academic Activities