



Indian Institute of Technology Bhubaneswar

Class Time Table, School of Mechanical Sciences, Spring-2021-22

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	8:00-8:55	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	5:30-6:30	7.30-8.25	
Monday	BTech	Fourth		PDE (LBC 302)	PDE (LBC 302)	MOS (LBC 302) [H]		Lunch	MM Lab (GP I)/MT Lab (Gp II)				<p>BTech in Mechanical Engineering (Fourth Semester) ESTM: Environmental Science, Technology and Management (ID3L003) [Dr.V. Vinoy,Dr. N.C. Sahu, Dr.S.Roy] TD: Thermodynamics (ME2L003) [Dr.Sasidhar K] PDE: Partial Differential Equations (Mathematics – IV) (MA2L004) [Dr. Abhijit Sutradhar] MOS: Mechanics of Solids (ME2L004) [Dr.A.K.Pradhan] TOM: Theory of Machines - II (ME2L005) [Dr.S. Roychowdhury] MM Lab: Machines & Mechanisms Laboratory (ME2P003) [Dr.P. B. Ramaiah, Dr. Dr.S. Roychowdhury] MT Lab: Materials Testing Laboratory (ME2P004) [Dr.A.K. Pradhan, Dr.M.K.Pandit] Breadth 1: GS: General Studies and Current Affairs – 1 [Adjunct faculty] IE: Introduction to Economics (HSL2007) [Dr. M. Dash] S&P: Speaking and Presentation (HS2L002) [Dr. A Satapathy] SP: Social Psychology (HS2L003) [Dr. A. Basu] INB: International Business (HS2L001) [Dr. D.B. Sahoo] OD-1: Odishi Dance-1 (HS2LXXX) [Adjunct Faculty]</p> <p>MTech in Mechanical Systems Design (Second Semester) DSMC: Dynamics and Control of Mechanical Systems (ME6L051) [Dr.S.D.Dhandole] AE: Applied Elasticity (ME6L052) [Dr.S. Roychowdhury] Elective IV: FM: Fracture Mechanics (ME6L064) [Dr.P.B.Ramiah]; PMP: Powder Material and Processing [Dr. S Battula SMME] Elective V: TCM: Theory of Composite Materials (ME6L057) [Dr.A.K.Pradhan, Dr.M.K.Pandit], , SCA: Soft Computing and Applications (ME6L060) [Dr. V. PanduRanga, Dr.M.M. Mahapatra] Elective VI: EMA: Experimental Modal Analysis [Dr.Satish D]; AC: Acoustics (ME6L012) [Dr.S.N. Panigrahi] AM: Additive Manufacturing [Dr. Chetan] MSS Lab II: Mechanical Systems Simulation Lab II (ME6P003) [Dr.P.B.Ramiah] Seminar II (ME6S002) [Dr.P.B. Ramiah] Research Review Paper II [Dr.S. Roychowdhury]</p> <p>MTech in Manufacturing Engineering (Second Semester) AMP-II: Advanced Manufacturing Process - II (ME6L303) [Dr. S.V.Mullick] DM: Digital Manufacturing (ME6L320) [Dr.G.Bartarya] Elective IV: FM: Fracture Mechanics (ME6L064) [Dr.P.B.Ramiah]; Act: Solid State Joining Processes (ME6L314) [Dr.M.M. Mahapatra], PMP: Powder Material and Processing [Dr. S Battula SMME] Elective V: TCM: Theory of Composite Materials (ME6L057) [Dr.A.K.Pradhan, Dr.M.K.Pandit], , SCA: Soft Computing and Applications (ME6L060) [Dr. V. PanduRanga], BPA: Biomaterials Processing and Applications (ML6L012) [Dr. S. Gollapudi] Elective VI: EMA: Experimental Modal Analysis [Dr.Satish D]; AC: Acoustics (ME6L012) [Dr.S.N. Panigrahi] AM: Additive Manufacturing [Dr. Chetan] AM Lab II: Advanced Manufacturing Lab II (ME6P352) [Dr.S.V.Mullick] Seminar II (ME6S302) [Dr.V.PanduRanga]</p> <p>MTech in Thermal Science and Engineering (Second Semester) AHT: Advanced Heat Transfer (ME6L151) [Dr.S.Kondaraju] CF: Compressible Flows (ME6L152) [Dr. Y.G.Bhumkar + Dr. Venugopal A] Elective IV: Transport Phenomena in Material Processing (ME6L157) [Dr.P.Rath, Dr.A. Bhattacharya]; Acoustics (ME6L012) [Dr.S.N. Panigrahi] Elective V: HPC: High Performance Computing in Thermo-fluids (ME6L163) [Dr. Y.G.Bhumkar]; Elective VI: NMRT: Numerical Methods in Radiative Heat Transfer (ME6L164) [Dr. P.Rath]; TFSS Lab: Thermo-Fluids Systems Simulation Lab (ME6P103) [Dr.A.Venugopal] Seminar II (ME6S102) [Dr.S.Kondaraju] Research Review Paper II [Dr.S.Kondaraju]</p> <p>EVT: Electrical vehicle Technology [Dr. P. R Sahu (SES)]</p>	
		Sixth		Lateral-3 (IEM) [O]	Lateral-3 (IEM) [O]			Lunch	Robo (LBC 302) [H]	RAC (LBC 302) [O]	RAC (LBC 302) [O]			
		Eighth		Acoustics (SMS 319)	Acoustics (SMS 319)	QC (SMS304)		Lunch	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Breadth-3/4 [O] [FM]		EVT [O]
	Dual (MSD)	Eighth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Breadth-3/4 [O] [FM]	EVT [O]		
	Dual (ME)	Eighth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Breadth-3/4 [O] [FM]	EVT [O]		
	Dual (TSE)	Eighth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Breadth-3/4 [O] [FM]	EVT [O]		
	Dual (MSD)	Tenth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch					EVT [O]		
	Dual (ME)	Tenth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch	DM (319)	DM (319)			EVT [O]		
	Dual (TSE)	Tenth		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)		Lunch					EVT [O]		
MTech (MSD)	Second		Acoustics (SMS 319)	Acoustics (SMS 319)/EMA (SMS 219)	AE (SMS 219)	AE (SMS 219)	Lunch				EVT [O]			
MTech (ME)	Second		BPA (SES 218)	EMA (SMS 219)			Lunch	DM (319)	DM (319)		EVT [O]			
MTech (TSE)	Second				CF (SMS 220)	CF (SMS 220)	Lunch				EVT [O]			
Tuesday	BTech	Fourth		TOM II (LBC 302) [H]	TD (LBC 302) [H]	TD(LBC 302) [H]		Lunch	Lateral-1 (EME) [O]	Breadth-1 [O]	Breadth-1 [O]		<p>Lateral 1: Digital Logic and Systems (CS2L003) [Debapratim Ghosh] Elements of Mechanical Engineering (ME2L501) [Dr. P. Rath & Dr. Chetan] Introduction to Signal Processing (EC2L006) [Dr. A. Thomas] Infrastructure Planning and Management (CE2L012) [Dr. D. Basu]</p> <p>BTech in Mechanical Engineering (Sixth Semester) ICE: IC Engines (ME3L005) [Dr.M. K. Das] RAC: Refrigeration & Air-Conditioning (ME3L006) [Prof.S.K Mahapatra] Elective-1: CFD: Computational Fluid Dynamics (ME3L013) [Dr.A. Bhattacharya,Bhumkar], Rob: Robotics (ME3L014) [Dr. V. PanduRanga] Elective V: TCM: Theory of Composite Materials (ME6L057) [Dr.A.K.Pradhan, Dr.M.K.Pandit], , SCA: Soft Computing and Applications (ME6L060) [Dr. V. PanduRanga], BPA: Biomaterials Processing and Applications (ML6L012) [Dr. S. Gollapudi] Elective VI: EMA: Experimental Modal Analysis [Dr.Satish D]; AC: Acoustics (ME6L012) [Dr.S.N. Panigrahi] AM: Additive Manufacturing [Dr. Chetan] AM Lab II: Advanced Manufacturing Lab II (ME6P352) [Dr.S.V.Mullick] Seminar II (ME6S302) [Dr.V.PanduRanga]</p> <p>MTech in Thermal Science and Engineering (Second Semester) AHT: Advanced Heat Transfer (ME6L151) [Dr.S.Kondaraju] CF: Compressible Flows (ME6L152) [Dr. Y.G.Bhumkar + Dr. Venugopal A] Elective IV: Transport Phenomena in Material Processing (ME6L157) [Dr.P.Rath, Dr.A. Bhattacharya]; Acoustics (ME6L012) [Dr.S.N. Panigrahi] Elective V: HPC: High Performance Computing in Thermo-fluids (ME6L163) [Dr. Y.G.Bhumkar]; Elective VI: NMRT: Numerical Methods in Radiative Heat Transfer (ME6L164) [Dr. P.Rath]; TFSS Lab: Thermo-Fluids Systems Simulation Lab (ME6P103) [Dr.A.Venugopal] Seminar II (ME6S102) [Dr.S.Kondaraju] Research Review Paper II [Dr.S.Kondaraju]</p>	
		Sixth			RAC (LBC 301) [O]			Lunch	TFL II lab (GP I)/MTM Lab (Gp II)			CFD (SMS 219)		
		Eighth		TCM (SMS 304)	IAR (SMS 319)	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Lunch	SCA (SMS 304)	SCA (SMS 304)				
	Dual (MSD)	Eighth		TCM (SMS 304)	AM (SMS 221)	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Lunch	SCA (SMS 304)	SCA (SMS 304)				
	Dual (ME)	Eighth		TCM (SMS 304)		Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Lunch	SCA (SMS 304)	SCA (SMS 304)				
	Dual (TSE)	Eighth			IAR (SMS 319)	Breadth-3/4 [O] [EI]	Breadth-3/4 [O] [FM]	Lunch	TFSS Lab (CAD Lab)					
	Dual (MSD)	Tenth		TCM (SMS 304)				Lunch	SCA (SMS 304)					
	Dual (ME)	Tenth			AM (SMS 221)			Lunch						
	Dual (TSE)	Tenth		TCM (SMS 304)	IAR (SMS 319)			Lunch	SCA (SMS 304)	SCA (SMS 304)				
	MTech (MSD)	Second		TCM (SMS 304)	AM (SMS 221)	PMP (SES 218)	PMP (SES 218)	Lunch	SCA (SMS 304)	SCA (SMS 304)				
MTech (ME)	Second		TCM (SMS 304)	AM (SMS 221)	PMP (SES 218)	PMP (SES 218)	Lunch	SCA (SMS 304)	SCA (SMS 304)					
MTech (TSE)	Second			IAR (SMS 319)	CF (SMS 220)	CF (SMS 220)	Lunch	TFSS Lab (CAD Lab)						
Wednesday	BTech	Fourth		MOS (LBC 302) [H]	MOS (LBC 302) [H]	PDE (LBC) 302 [H]		Lunch	TOM II Tut GP I (LBC 302)	TOM II Tut GP II (LBC 302)	TD(LBC 302) [H]		<p>MTech in Manufacturing Engineering (Second Semester) AMP-II: Advanced Manufacturing Process - II (ME6L303) [Dr. S.V.Mullick] DM: Digital Manufacturing (ME6L320) [Dr.G.Bartarya] Elective IV: FM: Fracture Mechanics (ME6L064) [Dr.P.B.Ramiah]; Act: Solid State Joining Processes (ME6L314) [Dr.M.M. Mahapatra], PMP: Powder Material and Processing [Dr. S Battula SMME] Elective V: TCM: Theory of Composite Materials (ME6L057) [Dr.A.K.Pradhan, Dr.M.K.Pandit], , SCA: Soft Computing and Applications (ME6L060) [Dr. V. PanduRanga], BPA: Biomaterials Processing and Applications (ML6L012) [Dr. S. Gollapudi] Elective VI: EMA: Experimental Modal Analysis [Dr.Satish D]; AC: Acoustics (ME6L012) [Dr.S.N. Panigrahi] AM: Additive Manufacturing [Dr. Chetan] AM Lab II: Advanced Manufacturing Lab II (ME6P352) [Dr.S.V.Mullick] Seminar II (ME6S302) [Dr.V.PanduRanga]</p> <p>MTech in Thermal Science and Engineering (Second Semester) AHT: Advanced Heat Transfer (ME6L151) [Dr.S.Kondaraju] CF: Compressible Flows (ME6L152) [Dr. Y.G.Bhumkar + Dr. Venugopal A] Elective IV: Transport Phenomena in Material Processing (ME6L157) [Dr.P.Rath, Dr.A. Bhattacharya]; Acoustics (ME6L012) [Dr.S.N. Panigrahi] Elective V: HPC: High Performance Computing in Thermo-fluids (ME6L163) [Dr. Y.G.Bhumkar]; Elective VI: NMRT: Numerical Methods in Radiative Heat Transfer (ME6L164) [Dr. P.Rath]; TFSS Lab: Thermo-Fluids Systems Simulation Lab (ME6P103) [Dr.A.Venugopal] Seminar II (ME6S102) [Dr.S.Kondaraju] Research Review Paper II [Dr.S.Kondaraju]</p>	
		Sixth		TFL II lab (GP I)/MTM Lab (GP I)				Lunch		Lateral-3 (IEM)	Lateral-3 (IEM)			
		Eighth			TPMP (SMS 319)	QC (SMS 304)	QC (SMS 304)	Lunch						NSDM
	Dual (MSD)	Eighth		DSMC (SMS 219)	DSMC (SMS 219)		Lunch					NSDM		
	Dual (ME)	Eighth				DM (SMS 319)	DM (SMS 319)	Lunch	SSJ (SMS 219)	SSJ (SMS 219)	AMP - II (304)	AMP - II (304)		NSDM
	Dual (TSE)	Eighth			TPMP (SMS 319)		Lunch							NSDM
	Dual (MSD)	Tenth					Lunch							NSDM
	Dual (ME)	Tenth				DM (SMS 319)	DM (SMS 319)	Lunch	SSJ (SMS 219)	SSJ (SMS 219)				
	Dual (TSE)	Tenth			TPMP (SMS 319)		Lunch							
	MTech (MSD)	Second		DSMC (SMS 219)	DSMC (SMS 219)	AE (SMS 219)	AE (SMS 219)	Lunch						
MTech (ME)	Second		BPA (SES 218)	BPA (SES 218)	DM (SMS 319)	DM (SMS 319)	Lunch	SSJ (SMS 219)	SSJ (SMS 219)	AMP - II (304)	AMP - II (304)			
MTech (TSE)	Second			TPMP (SMS 319)	HPC (SMS 220)	HPC (SMS 220)	Lunch							
Thursday	BTech	Fourth		TOM II (LBC 302) [H]	TOM II (LBC 302) [H]			Lunch	Breadth-1 [O]	Breadth-1 [O]	Lateral-1 (EME) [O]		<p>BTech in Mechanical Engineering (Eighth Semester) Breadth - 3/4 FNM: Financial Management (HS4L003) [Dr. N.C. Sahoo] EI: Emotional Intelligence (HS4L002) [Dr. A. Basu]</p> <p>Elective – 4 TPMP: Transport Phenomena in Material Processing (ME6L157) [Dr.P.Rath, Dr.A.Bhattacharya]; QC: Quality Control (ME4L010) [Dr. S.V.Mullick]; IAF: Introduction to Atmospheric Radiation [Dr. S. R . kannan]; SCA: Soft Computing & Applications (ME6L060) [Dr. V. PanduRanga] Elective – 5 TCM: Theory of Composite Materials (ME6L057) [Dr.A.K. Pradhan, Dr.M.K.Pandit]; NMRT: Numerical Methods in Radiative Heat Transfer (ME6L164) [Dr. P. Rath];EMA: Experimental Modal Analysis [Dr. Satish D]; FM: Fracture Mechanics (ME6L064) [Dr. P. B. Ramiah] Project – Part 2 (ME4D002) [Dr.A.Venugopal]</p>	
		Sixth				MTM (LBC 302) [H]		Lunch	Robo (LBC 302)	Robo (LBC 302)	PPE (LBC 302) [H]	PPE (LBC 302) [H]		
		Eighth		TCM (SMS 304)	TCM (SMS 304)	Acoustics (SMS 319)/EMA (SMS 219)	Acoustics (SMS 319)/EMA (SMS 219)	Lunch				EVT [O]		
	Dual (MSD)	Eighth		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)/AM (SMS221)	EMA (SMS 219)/AM (SMS221)	Lunch	MSSL II Lab (CAD Lab)			EVT [O]		
	Dual (ME)	Eighth		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)/AM (SMS221)	EMA (SMS 219)/AM (SMS221)	Lunch	AMP II Lab			EVT [O]		
	Dual (TSE)	Eighth		AHT	AHT	EMA (SMS 219)	EMA (SMS 219)	Lunch				EVT [O]		
	Dual (MSD)	Tenth		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)	EMA (SMS 219)	Lunch				EVT [O]		
	Dual (ME)	Tenth		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)	EMA (SMS 219)	Lunch				EVT [O]		
	Dual (TSE)	Tenth		TCM (SMS 304)	TCM (SMS 304)			Lunch				EVT [O]		
	MTech (MSD)	Second		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)/AM (SMS221)	EMA (SMS 219)/AM (SMS221)	Lunch	MSSL II Lab (CAD Lab)			EVT [O]		
MTech (ME)	Second		TCM (SMS 304)	TCM (SMS 304)	EMA (SMS 219)/AM (SMS221)	EMA (SMS 219)/AM (SMS221)	Lunch	AMP II Lab			EVT [O]			
MTech (TSE)	Second		AHT (SMS 319)	AHT (SMS 319)			Lunch							
Friday	BTech	Fourth		MOS Tut GP I (LBC 302)	MOS Tut GP II (LBC 302)	ESTM [O]		Lunch	MM Lab (GP II)/MT Lab (Gp I)				<p>Elective – 5 TCM: Theory of Composite Materials (ME6L057) [Dr.A.K. Pradhan, Dr.M.K.Pandit]; NMRT: Numerical Methods in Radiative Heat Transfer (ME6L164) [Dr. P. Rath];EMA: Experimental Modal Analysis [Dr. Satish D]; FM: Fracture Mechanics (ME6L064) [Dr. P. B. Ramiah] Project – Part 2 (ME4D002) [Dr.A.Venugopal]</p>	
		Sixth		CFD (SMS 219)	CFD (SMS 219)	ICE (LBC 302) [H]	ICE (LBC 302) [H]	Lunch	MTM (LBC 302) [H]	MTM (LBC 302) [H]				
		Eighth						EVT [O]		SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)	SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)			
	Dual (MSD)	Eighth		DSMC (SMS 219)	DSMC (SMS 219)	SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]	SCA (SMS 304)	SCA (SMS 304)				
	Dual (ME)	Eighth		AMP - II (304)	AMP - II (304)	SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]	SCA (SMS 304)	SCA (SMS 304)				
	Dual (TSE)	Eighth			AHT (SMS 319)	AHT (SMS 319)	EVT [O]	SCA (SMS 304)	SCA (SMS 304)					
	Dual (MSD)	Tenth				SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]	SCA (SMS 304)	SCA (SMS 304)				
	Dual (ME)	Tenth					EVT [O]	SCA (SMS 304)	SCA (SMS 304)					
	Dual (TSE)	Tenth				SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]						
	MTech (MSD)	Second		DSMC (SMS 219)	DSMC (SMS 219)	SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]	PMP (SES 218)	SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)	SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)			
MTech (ME)	Second		AMP - II (304)	AMP - II (304)	SSJ (SMS 219)	SSJ (SMS 219)	EVT [O]	PMP (SES 218)	SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)	SCA (SMS 304)/ IAR (SMS 319)/TPMP (SMS 219)				
MTech (TSE)	Second		HPC (SMS 220)	AHT (SMS 319)	AHT (SMS 319)		EVT [O]							
Saturday	BTech	Fourth/ Sixth/ Eighth				NSDM	NSDM							

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, Room No. mentioned are indicative. For online classes, if teacher wants can use the classroom.