



Department of Mechanical Engineering

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI

TIME TABLE

MONSOON / 2025



w.e.f. : 04.08.2025

Student TIME TABLE

Department:	Mechanical Engineering	Programm:	B.Tech	Branch:	Mech.	Section:	A&B	Semester:	III	
Days		Period/Time/Subject/Room No.*								
	I	II	III	IV	V	LUNCH - BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday	FM&HM(A)/207 MP(B)/216	Thermo(B)/216 Thermo(A)/207	FM&HM(B)/216 UHV-II(A)/207	SOM(B)/216 MP(A)/207	NM / Sec.A/ 216		UHV-II(B)/207	FM & HM Lab./ M2		SOM (A)/216
Tuesday			IME/211	NM Lab / Sec.A UHV-II(B)/216	NM Lab. / A FM&HM(B)/216				SOM(A)/216	
Wednesday	NM / Sec.A/207 Thermo(B)/216	MP(A)/207 UHV-II(B)/216	IME/211	Thermo(A)/216 NM Lab / Sec.B				FM&HM(A)/207	SOM(A)/207 SOM(B)/216	MP(B)/216
Thursday	SOM(B)/216	NM / Sec.B/216 FM&HM(A)/207	IME/211					FM & HM Lab./ M3		
								UHV-II(A)/216	SOM(A)/207	
Friday	MP(A)/216 NM(B)/207	Thermo(B)/207	UHV-II(A)/216 MP(B)/207	FM & HM Lab./ M1					NCC/NSS/PT&Games/Creative Arts (CA) Entrepreneurship	
				SOM(B)/207	FM&HM(B)/207					
Course Code	Course Title					Credit	Teacher			
MA24201	Numerical Methods (NM)					2	A&B - Prof. S.K.Jain			
ME24201	Thermodynamics (Thermo)					3	A-Dr. Om Prakash, B- Dr.S.Chakraborty			
ME24203	Fluid Mechanics and Hydraulic Machines (FM&HM)					3	A-Dr.Praveen Mishra, B-Dr.A.K.Roy			
ME24205	Strength of Materials (SOM)					4	A-Dr.A.K.Kadian, B-Dr. Nirmal Kumar			
PE24297	Manufacturing Processes (MP)					3	A-Prof.S.K.Jha & Dr.P.Prakash, B-Dr. S.Dutta			
PE24201	Introduction to Materials Engineering (IME)					3	A&B - Prof. Indranil Manna & Dr. G.Paul			
MT24131	Understanding Harmony (UHV-II)					3	A-Dr. Richa Pandey , B- Dr. Rajeev Kumar			
MA24201	Numerical Methods Lab. (NM Lab)					1	A - Dr. A.Tandon, Dr. P.K.Shaw, B-Dr.A.Tandon, Dr. P.S.Majee			
MC24201/202/203/204/ 205	NCC/NSS/PT&Games/Creative Arts/Entrepreneurship					1	Dr.K.K.Senapati,Dr.O.P.Pandey&Dr.A.Nag, Dr.Mahendra Kumar, Mr.Mrinal Pathak,Dr.Manish Kr. Pandey			
ME24202	Fluid Mechanics and Hydraulic Machines Lab. (FM & HM Lab.)					1	M1- Dr.P.Mahata , Dr. O. P. Pandey M2- Dr.A.K.Roy , Dr.S.K.Mishra M3- Dr.P.Mishra , Dr.S.Ghuku			
	TOTAL					24				

(Prem Prakash)
Co-ordinator
Central Time Table, BIT Mesra

Department Time Table Coordinator

HoD

(Dr. Sanjay Kumar Jha)
Dean (UG Studies)



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Department:	Mechanical Engineering		Programm:	B.Tech	Branch:	Mech.	Section:	A&B	Semester:	V	
Days	Period/Time/Subject/Room No.*										
	I	II	III	IV	V	LUNCH - BREAK	VI	VII	VIII	IX	
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20	
Monday	OE-II	ICEGT(A)/202	Communication Skill II				IT/202, Mecha/216	ASM/202, Mecha/216	Minor Course I	Minor Course II	
Tuesday	HMT(B)207 MV(A)/202	PE-III ASM/216,Mec ha/207, IT/202	MV(B)/207 ICEGT(A)/202	ICEGT(B)/207 HMT(A)202	PE-II CFD/207, TM/202			H.T. Lab.(M1)/I.C.Engine Lab.(M2)/M.E. Lab.- II(M3)			
Wednesday	OE-II	ICEGT(A)/202	H.T. Lab.(M3)/I.C.Engine Lab.(M1)/ M.E. Lab.-II(M2)				MV(B)/202	MV(A)/216 HMT(B)/202	Minor Course I	Minor Course II	
Thursday	ASM/207 IT/202	HMT(B)202	HMT(A)216 ICEGT(B)/202	MV(A)/207 MV(B)/202	PE-II FEM/216,CFD/20 7, TM/202		Minor Course Lab.				
Friday	OE-II	ICEGT(B)/202 HMT (A)/216	H.T. Lab.(M2)/I.C.Engine Lab.(M3)/M.E. Lab.- II(M1)			PE-II FEM/216	FEM/216, CFD/207, TM/202	Minor Course II	Minor Course I		
Course Code	Course Title					Credit	Teacher				
ME301	I.C.Engines and Gas Turbines (ICEGT)					3	A- Dr. Mukesh Sharma, B - O.P Pandey				
ME315	Heat and Mass Transfer (HMT)					3	A-Dr.D.P.Mishra, B-Dr. S.K.Dhiman				
ME303	Mechanical Vibration (MV)					3	A-Dr. Rajeev Kumar, B - Dr. Sushant Ghuku				
	Programme Elective II										
ME351	Finite Element Methods (FEM)					3	Dr.L.S.Brar				
ME353	Computational Fluid Dynamics (CFD)					3	Dr.S.K.Dhiman				
ME349	Turbo Machinery (TM)						Dr. Ritwik Maiti				
	Programme Elective III										
ME355	Advanced Solid Mechanics (ASM)					3	Dr.Abhijit Nag				
ME377	Mechatronics (Mecha)					3	Dr. Richa Pandey				
ME367	Industrial Tribology (IT)					3	Dr.A.Mukhopadhyay				
	Open Elective II					3					
MT133	Communication Skill II					1.5	Moujhuri Bhaduri				
ME302	Heat Transfer Lab. (H.T. Lab.)					1.5	M1-Dr.D.P.Mishra ,Dr.Anil Ch. Mahato M2- Dr.F.Rahmani , Dr. S.K.Dhiman M3-Dr.P.J.Sanga , Dr. A. K. Kadian				
ME304	I.C.Engine Lab.					1.5	M1- Dr.Arbind Kumar , Dr.Rajeev Kumar M2- Dr.P.Mahata , Dr.P.J.Sanga M3- Dr.D.P.Mishra , Dr.P.J. Sanga				

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ME306	Mechanical Engineering Lab-II (M.E. Lab.-II)					1.5	M1- A.Mukhopadhyay, Dr. S.K.Mishra M2- Dr.O.P.Pandey, Dr.S.Chakraborty M3- Dr.Om Prakash, Dr.A.K.Roy			
	Total Credit					24				
Department:	Mechanical Engineering	Programm:	B.Tech	Branch:	Mech.	Section:	A&B	Semester:	VII	
Days		Period/Time/Subject/Room No.*								
	I	II	III	IV	V	LUNCH - BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday		RAC Lab. (M1) CADD Lab. (M2)			OE-IV			CoI / 207	RAC(A) / 207 RAC(B) / 202	
Tuesday	OE-IV		RAC Lab. (M2) / CADD Lab. (M3)					PE-VI IM/216,AHT/207,	RAC(A) / 207 RAC(B) / 202	
Wednesday				PE-VI IM/207, NCM/202						
Thursday	OE-IV			PE-VI AHT/216	PE-VI NCM/232			CoI / 207	RAC(A) / 216 RAC(B) / 202	
Friday				PE-VI NCM/202	IM/216, AHT/202		RAC Lab.(M3) / CADD Lab. (M1)			
Course Code	Course Title					Credit	Teacher			
ME401	Refrigeration and Air Conditioning (RAC)					3	A-Dr. Arbind Kumar, B-Dr. M. Sharma			
MT204	Constitution of India (CoI)					NC				
	Programme Elective VI									
ME409	Industrial Management (IM)					3	Dr. P.Mishra			
ME479	Advanced Heat Transfer (AHT)					3	Dr.S.Chakraborty			
PE406	Non-Conventional Machining (NCM)					3	Dr.S.K.Tiwary			
ME400M	Minor Project					3				
	Open Elective IV					3				
	Laboratories									
ME404	Refrigeration and Air Conditioning Lab. (RAC Lab.)					1.5	M1-Dr.F.Rahmani , Dr.R.Maiti M2-Dr.Arbind Kumar , Dr.F.Rahmani M3- Dr.A.Ch. Mahato, Dr.M.Sharma			
ME406	Computer Aided Design and Drafting Lab. (CADD Lab.)					1.5	M1-Dr.Richa Pandey,Dr.Nirmal Kumar M2-Dr. A.Nag, Dr.S.Ghuku M3-Dr.S.K.Mishra, Dr. L.S.Brar			
	Total Credit					15				

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Minor Project: Students are required to meet their respective guide(s) at their mutual convenient time, as scheduled by consultation of their project guide(s).

Department:	Mechanical Engineering	Programm:	M.Tech	Branch:	Mech.	Section:	A	Semester:	I	
Days		Period/Time/Subject/Room No.*								
	I	II	III	IV	V	LUNCH - BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday		ME526 FPC / Tom Lab. ACM	ME549 ESM 202 OP	ME507 OT 202 KK	ME521 CME 202 RM					
Tuesday	ME591 Modeling and Optimization Lab.						ME511 FEA 202 AKK	ME521 CME 202 RM		
Wednesday			Communication Skill -I						ME507 OT 202 KK	ME526 FPC 202 ACM
Thursday		ME521 CME RM ToM Lab.	ME549 ESM ToM Lab. OP	ME511 FEA ToM Lab. AKK			ME507 OT 202 KK	ME526 FPC 202 ACM		
Friday		ME548 Computational Lab.							ME511 FEA 202 AKK	ME549 ESM 202 OP

Course Code	Course Title	Credit	Teacher
ME507	Optimization Techniques (OT)	3	Dr. Kaushik Kumar
ME511	Finite Element Analysis (FEA)	3	Dr.A.K.Kadian
ME521	Computational Methods in Engineering (CME)	3	Dr.Ritwik Maiti
ME526	Fluid Power and Control (FPC)	3	Dr. Anil Ch. Mahato
ME549	Energy Simulation and Modeling (ESM)	3	Dr. Om Prakash
ME548	Computational Lab.	2	Dr.Ritwik Maiti
ME591	Modeling and Optimization Lab.	2	Dr. Kaushik Kumar
MT132 / HSS24131	Communication Skill - I	1.5	Dr. Rohit Kumar Pandey

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	Total	20.5	
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Monday									OE-I	OE-II
Tuesday										OE-I
Wednesday										OE-II
Thursday										OE-I
Friday										OE-II

Course Code	Course Title	Credit	Teacher
ME600	Thesis (Part I)	8	
	Open Elective I	3	
	Open Elective II	3	
	TOTAL	14	

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