

Department of Mechanical Engineering, IIT Guwahati
Winter Semester (Jan - May) 2025 - Time Table

Monday										
Time (slot)	7:55 - 8:50 (A)	9:00 - 9:55 (B)	10:00 - 10:55 (C)	11:00 - 11:55 (D)	12:00 - 12:55 (F)	13:00 - 13:55 (F1)	14:00 - 14:55 (D1)	15:00 - 15:55 (C1)	16:00 - 16:55 (B1)	17:00 - 17:55 (A1)
UG - II	ME101(Tutorial), UKK, RKM, SB, PKH, KK, DNB, VKB, RGN, NS, BSR, BM, I_KK, I_RD, I_ST							ME110(L2), SP		
UG - IV (A)		ME224, SKP, 5102	ME223, TDP, 5102	ME222, SB, 5102	ME202M, GM, 5103	Break (*5102 N/A)				
UG - IV (B)				ME222, PKH, 5103				ME225, MD, I_NK		
UG - VI (A)			ME622, VKB, 5103	ME623, RKM, 1201 ME657, MP, 3202	Break (*5102 N/A)		ME325, KK, 5103	ME323, BP, 5102	ME322, PK, 5102	
UG - VI (B)							ME324, USD, 5102			
UG - VIII	ME607, DC, 5103	ME696 (OE), SK, 5G4	ME640, SMH, 1G2	ME623, RKM, 1201 ME542, DS, 1G2 ME657, MP, 3202	ME613 (OE), BSR, 5202	Break		ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003		
PG - CM	ME607, DC, 5103	ME696 (OE), SK, 5G4	ME640, SMH, 1G2	ME542, DS, 1G2	ME613 (OE), BSR, 5202	Break	ME552, UKS&GM, 1003	ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003	ME503, PSR, CADLAB	
PG - FT		ME696 (OE), SK, 5G4	ME622, VKB, 5103	ME542, DS, 1G2 ME657, MP, 3202	ME613 (OE), BSR, 5202	Break	ME552, UKS&GM, 1003	ME670, AS, 5103 ME682, SSG, 1003	ME503, PSR, CADLAB	
PG - MD	ME607, DC, 5103	ME696 (OE), SK, 5G4	ME640, SMH, 1G2 ME688, MD, 1201	ME623, RKM, 1201 ME608, SNJ, 1003 ME542, DS, 1G2	ME613 (OE), BSR, 5202	Break		ME617, UKK, 1201 ME615, RT, 1G2 ME682, SSG, 1003	ME503, PSR, CADLAB	
PG - MSE		ME696 (OE), SK, 5G4	ME640, SMH, 1G2 ME688, MD, 1201	ME623, RKM, 1201 ME608, SNJ, 1003 ME542, DS, 1G2	ME613 (OE), BSR, 5202	Break	ME511, SUP, 1201	ME617, UKK, 1201 ME682, SSG, 1003	ME503, PSR, CADLAB	
PG - AP		ME696 (OE), SK, 5G4		ME542, DS, 1G2	ME613 (OE), BSR, 5202	Break	ME552, UKS&GM, 1003	ME617, UKK, 1201 ME670, AS, 5103	ME503, PSR, CADLAB	
Tuesday										
Time (slot)	7:55 - 8:50 (E)	9:00 - 9:55 (A)	10:00 - 10:55 (B)	11:00 - 11:55 (C)	12:00 - 12:55 (F)	13:00 - 13:55 (F1)	14:00 - 14:55 (C1)	15:00 - 15:55 (B1)	16:00 - 16:55 (A1)	17:00 - 17:55 (E1)
UG - II	Tutorial, 1003, 1201, 5102, 1G2	ME101, AN(C), PB, AB, L2, L4							ME101, AN (C), PB, AB, L2, L4	
UG - IV (A)		ME221, DNB, 5102	ME222, SB, 5102	ME223, TDP, 5102	ME202M, GM, 5103	Break (*5102 N/A)				
UG - IV (B)		ME221, PRM, 5103	ME222, PKH, 5103					ME225, MD, I_NK		
UG - VI (A)				ME622, VKB, 5103	Break (*5102 N/A)		ME324, USD, 5102	ME322, PK, 5102	ME323, BP, 5102	ME623, RKM, 1201
UG - VI (B)							ME325, SP, 5103			
UG - VIII	ME607, DC, 5103	ME522, AD, 1G2 ME513, RGN, 1201	ME696 (OE), SK, 5G4	ME640, SMH, 1G2	ME613 (OE), BSR, 5202	Break	ME692, SSV, 1003 ME541, ND, 1G2 ME683, TKM, 1201	ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003		ME623, RKM, 1201
PG - CM	ME607, DC, 5103	ME554, UKS, 1003 ME522, AD, 1G2	ME696 (OE), SK, 5G4	ME640, SMH, 1G2	ME613 (OE), BSR, 5202	Break	ME541, ND, 1G2	ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003	ME619, AMD, 1G2 ME552, UKS&GM, 1003	
PG - FT		ME522, AD, 1G2	ME696 (OE), SK, 5G4	ME622, VKB, 5103	ME613 (OE), BSR, 5202	Break	ME541, ND, 1G2 ME683, TKM, 1201	ME670, AS, 5103 ME682, SSG, 1003	ME619, AMD, 1G2 ME552, UKS&GM, 1003	
PG - MD	ME607, DC, 5103	ME513, RGN, 1201	ME696 (OE), SK, 5G4	ME640, SMH, 1G2 ME688, MD, 1201	ME613 (OE), BSR, 5202	Break	ME692, SSV, 1003 ME541, ND, 1G2	ME617, UKK, 1201 ME615, RT, 1G2 ME682, SSG, 1003		ME623, RKM, 1201
PG - MSE		ME513, RGN, 1201	ME696 (OE), SK, 5G4	ME640, SMH, 1G2 ME688, MD, 1201	ME613 (OE), BSR, 5202	Break	ME692, SSV, 1003	ME617, UKK, 1201 ME682, SSG, 1003	ME511, SUP, 1201	ME623, RKM, 1201
PG - AP		ME554, UKS, 1003	ME696 (OE), SK, 5G4		ME613 (OE), BSR, 5202	Break	ME541, ND, 1G2 ME683, TKM, 1201	ME617, UKK, 1201 ME670, AS, 5103	ME552, UKS&GM, 1003	



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Wednesday											
Time (slot)	7:55 - 8:50 (D)	9:00 - 9:55 (E)	10:00 - 10:55 (A)	11:00 - 11:55 (B)	12:00 - 12:55 (G)	13:00 - 13:55 (G1)	14:00 - 14:55 (B1)	15:00 - 15:55 (A1)	16:00 - 16:55 (E1)	17:00 - 17:55 (D1)	
Wednesday	UG - II			ME101, AN(C), PB, AB, L2, L4				ME101, AN(C), PB, AB, L2, L4 ----- ME110(L3), PSR			
	UG - IV (A)			ME221, DNB, 5102	ME222, SB, 5102	HS1xx, 5102	Break	ME225, SUP, I_HK			
	UG - IV (B)		ME224, SKD, 5103	ME221, PRM, 5103	ME222, PKH, 5103						
	UG - VI (A)		ME326, I_PM(Tr), AD(Th), I_SM(IC), DS(I)						ME321, NS, 5102	ME324, USD, 5102	
	UG - VI (B)					Break	Minor	ME322, PK, 5102	ME321, TKM, 5103	ME325, SP, 5103	ME553, BK, 1003
	UG - VIII		ME692, SSV, 1003 ME683, TKM, 1201	ME513, RGN, 1201	ME696 (OE), SK, 5G4	Break	HS 2xx, 5102	ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003	ME541, ND, 1G2	ME522, AD, 1G2	
	PG - CM		ME544, BK, CADLAB		ME554, UKS, 1003	ME696 (OE), SK, 5G4	ME503, PSR, 1G2	Break	ME617, UKK, 1201 ME615, RT, 1G2 ME670, AS, 5103 ME682, SSG, 1003	ME541, ND, 1G2	ME522, AD, 1G2
	PG - FT		ME683, TKM, 1201		ME696 (OE), SK, 5G4	ME503, PSR, 1G2	Break	ME670, AS, 5103 ME682, SSG, 1003	ME541, ND, 1G2	ME522, AD, 1G2	ME553, BK, 1003
	PG - MD		ME692, SSV, 1003	ME513, RGN, 1201	ME696 (OE), SK, 5G4	ME503, PSR, 1G2	Break	ME617, UKK, 1201 ME615, RT, 1G2 ME682, SSG, 1003	ME541, ND, 1G2		
	PG - MSE		ME692, SSV, 1003	ME513, RGN, 1201	ME696 (OE), SK, 5G4	ME503, PSR, 1G2	Break	ME617, UKK, 1201 ME682, SSG, 1003	ME515, SKP, I_DK, CADLAB		
PG - AP		ME683, TKM, 1201	ME554, UKS, 1003	ME696 (OE), SK, 5G4	ME503, PSR, 1G2	Break	ME617, UKK, 1201 ME670, AS, 5103	ME541, ND, 1G2		ME553, BK, 1003	
Thursday											
Time (slot)	7:55 - 8:50 (C)	9:00 - 9:55 (D)	10:00 - 10:55 (E)	11:00 - 11:55 (A)	12:00 - 12:55 (G)	13:00 - 13:55 (G1)	14:00 - 14:55 (A1)	15:00 - 15:55 (E1)	16:00 - 16:55 (D1)	17:00 - 17:55 (C1)	
Thursday	UG - II				ME101, AN(C), PB, AB, L2, L4			ME101, AN(C), PB, AB, L2, L4 ----- ME110(L1), I_DS			
	UG - IV (A)		ME223, TDP, 5102	ME224, SKP, 5102	ME221, DNB, 5102	HS1xx, 5102	Break	ME225, SUP, I_HK			
	UG - IV (B)			ME224, SKD, 5103	ME221, PRM, 5103			ME226, DC(K), PRM(T), I_AP(D)			
	UG - VI (A)					Break	Minor	ME325, KK, 5103	ME321, NS, 5102	ME324, USD, 5102	ME553, BK, 1003
	UG - VI (B)	ME657, MP, 3202	ME326, SSV(Tr), SNJ(I), AMD(Th), I_SM(IC)					ME324, USD, 5102	ME321, TKM, 5103	ME325, SP, 5103	
	UG - VIII	ME657, MP, 3202	ME522, AD, 1G2 ME513, RGN, 1201	ME542, DS, CADLAB		Break	HS 2xx, 5102	ME692, SSV, 1003 ME541, ND, 1G2 ME683, TKM, 1201			
	PG - CM		ME554, UKS, 1003 ME522, AD, 1G2	ME542, DS, CADLAB		Break		ME541, ND, 1G2	ME619, AMD, 1G2		
	PG - FT	ME657, MP, 3202	ME522, AD, 1G2	ME542, DS, CADLAB		Break		ME541, ND, 1G2 ME683, TKM, 1201	ME619, AMD, 1G2		ME553, BK, 1003
	PG - MD		ME513, RGN, 1201	ME542, DS, CADLAB		Break	ME608, SNJ, 1003	ME692, SSV, 1003 ME541, ND, 1G2			
	PG - MSE		ME513, RGN, 1201	ME542, DS, CADLAB		Break	ME608, SNJ, 1003	ME692, SSV, 1003	ME515, SKP, I_DK, CADLAB		
PG - AP		ME554, UKS, 1003	ME542, DS, CADLAB		Break		ME541, ND, 1G2 ME683, TKM, 1201			ME553, BK, 1003	



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Friday											
Time (slot)	7:55 - 8:50 (B)	9:00 - 9:55 (C)	10:00 - 10:55 (D)	11:00 - 11:55 (F)	12:00 - 12:55 (G)	13:00 - 13:55 (G1)	14:00 - 14:55 (F1)	15:00 - 15:55 (D1)	16:00 - 16:55 (C1)	17:00 - 17:55 (B1)	
Friday	UG - II	Tutorial, 1003, 1201, 5102, 1G2						ME110(L4), SSG			
	UG - IV (A)			ME224, SKP, 5102	ME202M, GM, 5103	HS1xx, 5102	Break	ME226, SKD(K), AS(T), RT(D)			
	UG - IV (B)			ME224, SKD, 5103							
	UG - VI (A)		ME622, VKB, 5103 ME553, BK, 1003	ME623, RKM, 1201 ME657, MP, 3202	(*5102 N/A)	Break	Minor	(*5102 N/A)	ME325, KK, 5103	ME321, NS, 5102	ME323, BP, 5102
	UG - VI (B)								ME324, USD, 5102	ME321, TKM, 5103	
	UG - VIII	ME607, DC, 5103	ME640, SMH, 1G2	ME623, RKM, 1201 ME542, DS, 1G2 ME657, MP, 3202	ME613 (OE), BSR, 5202	Break	HS 2xx, 5102				
	PG - CM	ME607, DC, 5103	ME640, SMH, 1G2	ME542, DS, 1G2	ME613 (OE), BSR, 5202	ME552, UKS&GM, 1003	Break	ME503, PSR, CADLAB		ME619, AMD, 1G2	
	PG - FT		ME622, VKB, 5103 ME553, BK, 1003	ME542, DS, 1G2 ME657, MP, 3202	ME613 (OE), BSR, 5202	ME552, UKS&GM, 1003	Break	ME503, PSR, CADLAB		ME619, AMD, 1G2	
	PG - MD	ME607, DC, 5103	ME640, SMH, 1G2 ME688, MD, 1201	ME623, RKM, 1201 ME542, DS, 1G2	ME613 (OE), BSR, 5202		Break	ME503, PSR, CADLAB		ME608, SNJ, CADLAB	
	PG - MSE		ME640, SMH, 1G2 ME688, MD, 1201	ME623, RKM, 1201 ME542, DS, 1G2	ME613 (OE), BSR, 5202	ME511, SUP, 1201	Break	ME503, PSR, CADLAB		ME608, SNJ, CADLAB	
PG - AP		ME553, BK, 1003	ME542, DS, 1G2	ME613 (OE), BSR, 5202	ME552, UKS&GM, 1003	Break	ME503, PSR, CADLAB				
Faculty Code											
AB Atanu Banerjee	BSR SR Basireddy		ND Nipal Deka		RKM RK Mittal		SP Satyajit Panda		USD US Dixit		
AD AK De	DC D Chakraborty		NS Niranjan Sahoo		RT Rajiv Tiwari		SSG SS Gautam		VKB Vinodh KB		
AMD Amaresh Dalal	DNB DN Basu		PB Pankaj Biswas		SB Swarup Bag		SSV S Senthivelan				
AN Arup Nandy	DS Deepak Sharma		PK Poonam Kumari		SK S Kanagaraj		SUP Sukhamoy Pal				
AS AK Soti	GM G Madhusudhana		PKH Prasenjit Khanikar		SKD SK Dwivedy		TDP Tarkes DP				
BK Bhaskar Kumar	KK Karuna Kalita		PRM PK Mondal		SKP Sajjan Kapil		TKM TK Mankodi				
BM Butunath Majhy	MD Manas Das		PSR PS Robi		SMH SM Hazarika		UKK Ujendra KK				
BP Biranchi Panda	MP Manmohan Pandey		RGN RG Narayanan		SNJ SN Joshi		UKS UK Saha		Contact: TDP, tarkes.pallicity (3579)		
IPDF Code											
I_AP A Paramasivam	I_DS Debolina Sen		I_KK Kiran Kumar K		I_PM Pabitra Maji		I_SM S Madhankumar				
I_DK Deepak Kumar	I_HK Hreetabh Kishore		I_NK Nitesh Kumar		I_RD Rahul Dubey		I_ST Sanjana Talukdar				
Important Dates							Rooms Alloted to ME				
First Day of Instruction	02 January 2025, Thursday			No Class Day		31 January 2025, Friday (Alcheringa) 14 March 2025, Friday		*5102	5103	1G2	
Mid-Semester Examination	23 February 2025, Sunday to 02 March 2025, Sunday (Break on Wednesday/Thursday*)			Classes with Tuesday Time Table		16 January 2025, Thursday		3202	1003	1201	
Last Day of Instruction of Winter Semester	25 April 2025, Friday			Classes with Friday Time Table		19 March 2025, Wednesday		* Reserved for F, F1, G, G1 slots			
End-Semester Examinations	27 April 2025, Sunday to 04 May 2025, Sunday (Break on Wednesday/Thursday*)			Classes with Monday Time Table		05 April 2025, Saturday					



Department of Mechanical Engineering, IIT Guwahati
Winter Semester (Jan-May) 2025 - Course, Room and Instructor List

Course No.	Course Title	L	T	P	C	Type	Prog. - Sem.	Lecture Room	Course Instructor(s)	Co-ordinator	Exam Slot	Class Slot
UG - I Year												
ME101	Engineering Mechanics (Sec A)	3	1	0	8	Compulsory	UG - II	L2, L4	AN	AN	A1	A1
	Engineering Mechanics (Sec B)	3	1	0	8	Compulsory	UG - II	L2, L4	PB			
	Engineering Mechanics (Sec C)	3	1	0	8	Compulsory	UG - II	L2, L4	AB			
ME101	Engineering Mechanics Tutor					Compulsory	UG - II	1003, 1201, 5102, 1G2	UKK, RKM, SB, PKH, KK, DNB, VKB, RGN, NS, BSR, BM, I_KK, I_RD, I_ST			
ME110	Workshop – I	0	0	3	3	Compulsory	UG - II	Central Workshop	SSG, PSR, SK, SP, I_DS	SP		
UG - II Year												
ME202M	Thermodynamics	3	0	0	6	Minor	UG - IV	5103	GM	GM	F	F
ME221	Fluid Mechanics – II (Sec A)	3	0	0	6	Compulsory	UG - IV (A)	5102	DNB	PRM	A	A
	Fluid Mechanics – II (Sec B)						UG - IV (B)	5103	PRM			
ME222	Manufacturing Technology – I (Sec A)	3	0	0	6	Compulsory	UG - IV (A)	5102	SB	PKH	B	B
	Manufacturing Technology – I (Sec B)						UG - IV (B)	5103	PKH			
ME223	Solid Mechanics – II (Sec A)	3	0	0	6	Compulsory	UG - IV	5102	TDP	TDP	C	C
	Solid Mechanics – II (Sec B)											
ME224	Kinematics of Machinery (Sec A)	2	1	0	6	Compulsory	UG - IV (A)	5102	SKP	SKP	D	D
	Kinematics of Machinery (Sec B)						UG - IV (B)	5103	SKD			
ME225	Mechanical Workshop – II (Sec A)	0	0	6	6	Compulsory	UG - IV (A)	Central Workshop	SUP, I_HK	MD		
	Mechanical Workshop – II (Sec B)	0	0	6	6	Compulsory	UG - IV (B)		MD, I_NK			
ME226	Mechanical Engineering Lab – II (Sec A) (Kinematics (K), Data Acquisition (D), Turbomachinery (T))	0	0	3	3	Compulsory	UG - IV (A)		SKD(K), AS(T), RT(D)	AS		
	Mechanical Engineering Lab – II (Sec B)	0	0	3	3	Compulsory	UG - IV (B)		DC(K), PRM(T), I_AP(D)			



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Course No.	Course Title	L	T	P	C	Type	Prog. - Sem.	Lecture Room	Course Instructor(s)	Co-ordinator	Exam Slot	Class Slot
UG - III Year												
ME321	Applied Thermodynamics (Sec A)	3	0	0	6	Compulsory	UG - VI (A)	5102	NS	TKM	A1	A1
	Applied Thermodynamics (Sec B)						UG - VI (B)	5103	TKM			
ME322	Machine Design (Sec A)	2	0	2	6	Compulsory	UG - VI (A)	5102	PK	PK	B1	B1
	Machine Design (Sec B)						UG - VI (B)					
ME323	Mechanical Measurements (Sec A)	3	0	0	6	Compulsory	UG - VI (A)	5102	BP	BP	C1	C1
	Mechanical Measurements (Sec B)						UG - VI (B)					
ME324	Industrial Engineering and Operations Reseach (Sec A)	3	0	0	6	Compulsory	UG - VI (A)	5102	USD	USD	E1	D1
	Industrial Engineering and Operations Research (Sec B)						UG - VI (A)					
ME325	Control Systems (Sec A)	3	0	0	6	Compulsory	UG - VI (A)	5103	KK	KK	F1	E1
	Control Systems (Sec B)						UG - VI (B)		SP			
ME326	Mechanical Engineering Lab – IV (Tribology, Thermal Science, Instrumentation and Control)	0	0	3	3	Compulsory	UG - VI (A)		I_PM(Tr), AD(Th), I_SM(IC), DS(I)	SSV		
	Mechanical Engineering Lab – IV						UG - VI (B)		SSV(C)(Tr), AMD(Th), SNJ(I), I_SM(IC)			
UG - IV Year												
ME499	BTP Phase IV	0	0	12	12	Compulsory	UG - VIII	-	UKK			
PG - I Year (Core)												
ME503	Technical Writing	1	0	2	4	Compulsory	PG - ALL	1G2	PSR	PSR	F1	F1
ME511	Engineering Materials and Characterization	3	0	0	6	Compulsory	PG - MSE	5103	SUP	SUP	G	C1
ME513	Physics of Deformation Processes	3	0	0	6	Compulsory	PG - MSE	1201	RGN	RGN	A	A
ME515	Manufacturing Laboratory	0	0	6	6	Compulsory	PG - MSE	CADLAB + MANUFAC LAB	SKP, I_DK	SKP		
ME522	Convective Heat Transfer	3	0	0	6	Compulsory	PG - FT	1G2	AD	AD	A	A



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Course No.	Course Title	L	T	P	C	Type	Prog. - Sem.	Lecture Room	Course Instructor(s)	Co-ordinator	Exam Slot	Class Slot
ME541	Continuum Mechanics	3	0	0	6	Compulsory	PG - CM	1G2	ND	ND	E	A1
ME542	Numerical Analysis	2	0	2	6	Compulsory	PG - CM	1G2 + CADLAB	DS	DS	D	D
ME544	Computational Mechanics Laboratory	0	0	2	2	Compulsory	PG - CM	CADLAB	BK	BK		
ME552	Aircraft Propulsion	3	0	0	6	Compulsory	PG - AP	1003	UKS, GM	GM	G	C1
ME553	Gas Dynamics	3	0	0	6	Compulsory	PG - AP	1003	BK	BK	C	C
ME554	Rocket Propulsion	3	0	0	6	Compulsory	PG - AP	1003	UKS	UKS	A	A
ME505	MTP Phase II	0	0	24	24	Compulsory	PG - ALL	-	BP	BP		
ELECTIVES (UG+PG)												
ME607	Introduction to Composite Materials	3	0	0	6	Elective	8th sem, CM, MD	5103	DC	DC	G	C1
ME608	Computer Aided Design-Computer Aided Manufacturing	2	0	2	6	Elective	MD, MSE	1003	SNJ	SNJ	D	D
ME613	Nonlinear Vibrations	3	0	0	6	Open Elective	8th sem, CM, MD, FT, MSE, AP	5202	BSR	BSR	F	F
ME615	Rotor Dynamics	3	0	0	6	Elective	8th sem, CM, MD	1G2	RT	RT	B1	B1
ME617	Manufacturing of Polymers and Polymer Composite	3	0	0	6	Elective	8th sem, CM, MD, MSE, AP	1201	UKK	UKK	B1	B1
ME619	Fundamentals of Microfluidics	3	0	0	6	Elective	CM, FT	1G2	AMD	AMD	G	C1
ME622	Fundamentals of Fusion Energy Generation and Tokamaks	3	0	0	6	Elective	6th sem, FT	5103	VKB	VKB	C	C
ME623	Dynamics of Machining Processes	3	0	0	6	Elective	6th sem, 8th sem, MD, MSE	1201	RKM	RKM	D	D
ME640	Robotics and Robot Applications	3	0	0	6	Elective	8th sem, CM, MD, MSE	1G2	SMH	SMH	C	C
ME657	Two-Phase Flow and Heat Transfer	3	0	0	6	Elective	6th sem, 8th sem, FT	3202	MP	MP	D	D
ME670	Advanced Computational Fluid Dynamics	3	0	0	6	Elective	8th sem, CM, FT, AP	5103	AS	AS	B1	B1



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Course No.	Course Title	L	T	P	C	Type	Prog. - Sem.	Lecture Room	Course Instructor(s)	Co-ordinator	Exam Slot	Class Slot
ME682	Nonlinear Finite Element Methods	3	0	0	6	Elective	8th sem, CM, MD, FT, MSE	1003	SSG	SSG	B1	B1
ME683	Computational Gas Dynamics	3	0	0	6	Elective	8th sem, FT, AP	1201	TKM	TKM	E	A1
ME688	Advanced Machining Processes	3	0	0	6	Elective	MD, MSE	1201	MD	MD	C	C
ME692	Gear Engineering	3	0	0	6	Elective	8th sem, MD, MSE	1003	SSV	SSV	E	A1
ME696	Biomedical Devices and Systems	3	0	0	6	Open Elective	8th sem, CM, MD, FT, MSE, AP	5G4	SK	SK	B	B

Faculty Code

AB Atanu Banerjee	BSR SR Basireddy	ND Nipal Deka	RKM RK Mittal	SP Satyajit Panda	USD US Dixit
AD AK De	DC D Chakraborty	NS Niranjan Sahoo	RT Rajiv Tiwari	SSG SS Gautam	VKB Vinodh KB
AMD Amaresh Dalal	DNB DN Basu	PB Pankaj Biswas	SB Swarup Bag	SSV S Senthilvelan	
AN Arup Nandy	DS Deepak Sharma	PK Poonam Kumari	SK S Kanagaraj	SUP Sukhamoy Pal	
AS AK Soti	GM G Madhusudhana	PKH Prasenjit Khanikar	SKD SK Dwivedy	TDP Tarkes DP	
BK Bhaskar Kumar	KK Karuna Kalita	PRM PK Mondal	SKP Sajjan Kapil	TKM TK Mankodi	
BM Butunath Majhy	MD Manas Das	PSR PS Robi	SMH SM Hazarika	UKK Ujendra KK	
BP Biranchi Panda	MP Manmohan Pandey	RGN RG Narayanan	SNJ SN Joshi	UKS UK Saha	Contact: TDP, tarkes.pallicity (3579)

IPDF Code

Rooms Alloted to ME

I_AP A Paramasivam	I_DS Debolina Sen	I_KK Kiran KK	I_PM Pabitra Maji	I_SM S Madhankumar	*5102 (see timetable)	5103	1G2
I_DK Deepak Kumar	I_HK H Kishore	I_NK Nitesh K	I_RD Rahul Dubey	I_ST Sanjana Talukdar	3202	1003	1201



Department of Mechanical Engineering, IIT Guwahati
Winter Semester (Jan-May) 2025 - Elective Grouping List

Group	Course code	Course title	Instructor	L-T-P-C	6 th	8 th	CM	FT	MD	MSE	AP	OPEN	Exam Slots	Class Slots
G1	ME554	Rocket Propulsion	UKS	3-0-0-6	NO	NO	YES	NO	NO	NO	CORE	NO	A	A
	ME522	Convective Heat Transfer	AD	3-0-0-6	NO	YES	YES	CORE	NO	NO	NO	NO		
	ME513	Physics of Deformation Processes	RGN	3-0-0-6	NO	YES	NO	NO	YES	CORE	NO	NO		
G2	ME692	Gear Engineering	SSV	3-0-0-6	NO	YES	NO	NO	YES	YES	NO	NO	E	A1
	ME541	Continuum Mechanics	ND	3-0-0-6	NO	YES	CORE	YES	YES	NO	YES	NO		
	ME683	Computational Gas Dynamics	TKM	3-0-0-6	NO	YES	NO	YES	NO	NO	YES	NO		
G3	ME619	Fundamentals of Microfluidics	AMD	3-0-0-6	NO	NO	YES	YES	NO	NO	NO	NO	G	C1
	ME511	Engineering Materials and Characterization	SUP	3-0-0-6	NO	NO	NO	NO	NO	CORE	NO	NO		
	ME552	Aircraft Propulsion	UKS & GM	3-0-0-6	NO	NO	YES	YES	NO	NO	CORE	NO		
	ME607	Introduction to Composite Materials	DC	3-0-0-6	NO	YES	YES	NO	YES	NO	NO	NO		
G4	ME622	Fundamentals of Fusion Energy Generation and Tokamaks	VKB	3-0-0-6	YES	NO	NO	YES	NO	NO	NO	NO	C	C
	ME553	Gas Dynamics	BK	3-0-0-6	YES	NO	NO	YES	NO	NO	CORE	NO		
	ME640	Robotics and Robot Applications	SMH	3-0-0-6	NO	YES	YES	NO	YES	YES	NO	NO		
	ME688	Advanced Machining Processes	MD	3-0-0-6	NO	NO	NO	NO	YES	YES	NO	NO		
G5	ME623	Dynamics of Machining Processes	RKM	3-0-0-6	YES	YES	NO	NO	YES	YES	NO	NO	D	D
	ME608	Computer Aided Design-Computer Aided Manufacturing	SNJ	2-0-2-6	NO	NO	NO	NO	YES	YES	NO	NO		
	ME657	Two-Phase Flow & Heat Transfer	MP	3-0-0-6	YES	YES	NO	YES	NO	NO	NO	NO		
	ME542	Numerical Analysis	DS	2-0-2-6	NO	YES	CORE	YES	YES	YES	YES	NO		
G6	ME617	Manufacturing of Polymers and Polymer Composite	UKK	3-0-0-6	NO	YES	YES	NO	YES	YES	YES	NO	B1	B1
	ME615	Rotor Dynamics	RT	3-0-0-6	NO	YES	YES	NO	YES	NO	NO	NO		
	ME670	Advanced Computational Fluid Dynamics	AS	3-0-0-6	NO	YES	YES	YES	NO	NO	YES	NO		
	ME682	Nonlinear Finite Element Methods	SSG	3-0-0-6	NO	YES	YES	YES	YES	YES	NO	NO		
G7	ME696	Biomedical Devices and Systems	SK	3-0-0-6	NO	YES	YES	YES	YES	YES	YES	YES	B	B
G8	ME613	Nonlinear Vibrations	BSR	3-0-0-6	NO	YES	YES	YES	YES	YES	YES	YES	F	F

YES: CAN OPT CORE: COMPULSORY NO: CANNOT OPT

