

2023- 2024													
Monsoon Semester (July-Nov 2023)													
Course No.	Course Title	L	T	P	C	Type of Course (Compulsory / Open Elective/ Dept. Elective)	Offered to Whom (Program & Semester)	Last Year Instructors	Requirement	Instructor/Tutor	Co-ordinator	Class Slot	Exam Slot
ME 110	Workshop - I	0	0	3	3	Compulsory	UG- I	UKS, SP, SUP, TKM, SSG	5 tutors	USD, SK, SUP, PSR, SP	SUP		
CE 101	Engineering Drawing	2	0	3	7	Compulsory	UG- I	VK (I), BK, RGN, RKM	1 Instructor and 3 tutors	VK(I), RKM, VKB, UKK, RGN, BK,Pranav(IPDF)			
ME 211	Thermodynamics	2	1	0	6	Compulsory	UG- III	PRM		MP	MP	A	D
ME 211	Thermodynamics	2	1	0	6	Compulsory	UG- III	SM		MP			
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III (Sec I)	SAT		AN	SP	B	B
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec II)	USD		SP			
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec III)	SP		PK			
ME 213	Engineering Materials	3	0	0	6	Compulsory	UG- III (Sec I)	PKH		PKH	PKH	C	C
ME 213	Engineering Materials	3	0	0	6	Compulsory	UG- III(Sec II)	SK		SK			
ME214	Fluid Mechanics - I	2	1	0	6	Compulsory	UG- III (Sec I)	AKD		VKB	AS	E	E
ME214	Fluid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec II)	AS		AS			
ME 215	Machine Drawing	0	0	3	3	Compulsory	UG- III (Sec I)	MD+SB	4 Tutor	MD, PK	SNJ	M2-5	
ME 215	Machine Drawing	0	0	3	3	Compulsory	UG- III (Sec II)	SNJ+KK	4 Tutor	SNJ, KK		Tu2-5	
ME 216	Mechanical Engineering Lab-I (Strength of Material Lab, Fluid Mechanics and Hydraulics, Material Science)	0	0	3	3	Compulsory	UG- III (Sec I)	DC (SM),PKH(Mat), AD(FH)	3 Tutor	AN(SM), PKH(Mat), AD(FH)	BP	F2-5	
ME 216	Mechanical Engineering Lab-I (Strength of Material Lab, Fluid Mechanics and Hydraulics, Material Science)	0	0	3	3	Compulsory	UG- III (Sec II)	NM (SM), BP (Mat), NS(FH)	3 Tutor	NM(SM), BP(Mat), UKS(FH)		W2-5	
ME 311	Heat Transfer	3	0	0	6	Compulsory	UG- V (Sec I)	AD		AD	TKM	A1	A1
ME 311	Heat Transfer	3	0	0	6	Compulsory	UG- V (Sec II)	TKM		TKM			
ME 312	Manufacturing Technology - II	3	0	0	6	Compulsory	UG- V (Sec I)	RKM		RKM	RKM	C1	C1
ME 312	Manufacturing Technology - II	3	0	0	6	Compulsory	UG- V (Sec II)	BP		UKK			
ME 313	Dynamics of Machinery	2	1	0	6	Compulsory	UG- V	SSG		SSG	RT	D1	D1
ME 313	Dynamics of Machinery	2	1	0	6	Compulsory	UG- V	RT		RT			
ME 314	Design of Machine Elements	3	0	0	6	Compulsory	UG- V	DC		DC	DC	M5-6,Tu2-3,F3-4	G1
ME 314	Design of Machine Elements	3	0	0	6	Compulsory	UG- V	SSV		DC			
ME 315	Mechanical Engineering Lab - III (Vibration, Theory of Machines, Metrology)	0	0	3	3	Compulsory	UG- V (Sec I)	RT(Vib), SSV(Met), DS(TOM)	3 Tutor	RT(Vib), Saundar(IPDF)(ToM), NS(Met)	BSR	Tu 9-12	
ME 315	Mechanical Engineering Lab - III (Vibration, Theory of Machines, Metrology)	0	0	3	3	Compulsory	UG- V (Sec II)	AB(Vib), SK (Met) SMH (Tom)	3 Tutor	AB(Vib), SB(Met), BSR(ToM)		M 9-12	
ME398	BTP Phase1	0	0	3	3	Compulsory	UG- V				MD		
ME401	Summer Training	0	0	0	0	Compulsory	UG-VII				NM		
ME498	BTP PhaseIII	0	0	6	6	Compulsory	UG-VII				MD		

ME 201M	Manufacturing Technology – I	3	0	0	6	Minor	UG-III	BSR		BP		G	G
ME301M	Robotic Vision and Control	2	0	2	6	Minor	UG-V	BSR+SAT		SMH		E1+Tu6-7	E1
ME401M	Project (7th Semester)	0	0	6	6	Minor	UG-VII	BSR		BSR			
ME 501	Advanced Engg. Math	3	0	0	6	Compulsory	PG	NM		NM	NM	A	B1
ME 501	Advanced Engg. Math	3	0	0	6	Compulsory	PG	SKP		SKP			
ME 502	Engineering Computing Laboratory	0	0	3	3	Compulsory	PG	SKP, AN, GM, PK, AS	5 Tutor	AS, SKP, GM, DS, SSG	SSG	F 9-12 / F2-5	
ME 503	Technical Writing	1	0	2	4	Compulsory	UG,PG	UKS		UKS	UKS	F12-1 & W/Th 10-11	F
ME 504	MTP (Phase I)	0	0	20	20	Compulsory	PG				KK		
ME 510	Subtractive Manufacturing	3	0	0	6	Compulsory	UG,PG	MD		MD		E1	E1
ME 512	Welding and Additive Manufacturing	3	0	0	6	Compulsory	UG,PG	PB		PB		E	D
ME 520	Fluid Mechanics	3	0	0	6	Compulsory	PG	DNB		DNB		E1	E1
ME 521	Conduction and Radiation	3	0	0	6	Compulsory	PG	AMD+DNB		AMD + DNB	DNB	E	D
ME 523	Advanced Thermodynamics	3	0	0	6	Compulsory	PG	NS		NS		B1+M2-3	F1
ME 530	Advanced Mech of Solids	3	0	0	6	Compulsory	PG	KSRKM		KSRKM		Tu, W, Th 5-6	E1
ME 531	Mechanical Vibration	3	0	0	6	Compulsory	UG,PG	SKD		SKD		A1 + Th8-9	A1
ME 532	Finite Element Methods in Engineering	3	0	0	6	Compulsory	UG,PG	AN		USD		B1	F1
ME 543	Computational Fluid Dynamics	3	0	0	6	Compulsory	PG	AMD		AMD		C	C
ME 550	Introduction to Aerospace Engineering	3	0	0	6	Compulsory	PG	GM		GM		A1	A1
ME 551	Aerodynamics	3	0	0	6	Compulsory	PG	BK		BK		E1	E1
	<b>ELECTIVES</b>												
<b>Course No.</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>Type of Course (Compulsory / Open Elective/ Dept. Elective)</b>	<b>Offered to Whom (Program &amp; Semester)</b>	<b>Last Year Instructors</b>	<b>Requirement</b>	<b>Instructor/Tutor</b>	<b>Co-ordinator</b>		
ME 606	Solidification Processing	3	0	0	6	Departmental Elective	UG,PG			PSR		B1	F1
ME 608	Computer Aided Design-Computer Aided Manufacturing	2	0	2	6	Departmental Elective	UG,PG	SNJ		SNJ		C + M11-12	C
ME609	Optimization Methods in Engineering	3	0	0	6	Open Elective	UG,PG	DS		DS		B	B
ME 640	Robotics and Robot Application	3	0	0	6	Departmental Elective	UG,PG	SMH		SMH		C1 + F5-6	G1
ME 659	Tribology of Bearings	3	0	0	6	Departmental Elective	PG	SKK		SKK		C1 + F5-6	G1

ME 674	Soft Computing in Engineering	3	0	0	6	Departmental Elective	UG,PG	SUP		SUP		D + Th4-5	C
ME 678	Mechanics of Sheet Metal Forming	3	0	0	6	Departmental Elective	UG,PG	RGN		RGN		C1 + F5-6	G1
ME 679	Mechanical Behaviour of Materials	3	0	0	6	Departmental Elective	UG,PG	SB		SB		A1	A1
ME 689	Smart Materials: Modelling and Application	3	0	0	6	Departmental Elective	UG,PG	AB		AB		E	D
ME 698	Applied Nonlinear Control	3	0	0	6	Open Elective	UG,PG	BSR		BSR		G	G
EM502	Modelling, Dynamics and control of EVs	3	0	2	8	Departmental Elective	UG,PG	KK		KK		C + M11-12 + Th4-5	C
RA 501	Fundamental of Robotics	3	0	0	6	Departmental Elective	UG,PG	SKD		SKD		C1 + F5-6	G1

AMD	Amaresh Dalal					KSR	K S R Krishna	SK		S Kanagaraj
AB	Atanu Banerjee					MD	Manas Das	SKD		S K Dwivedy
AD	Arnab K De					MP	Manmohan Pandey	SKK		S K Kakoty
AKD	Anoop K Dass					NM	Nelson Muthu	SNJ		Shrikrishna N Joshi
AN	Arup Nandy					NS	Niranjana Sahoo	SP		Satyajit Panda
AS	Atul K. Soti					PB	Pankaj Biswas	SSG		Sachin S Gautam
BK	Bhaskar Kumar					PK	Punam Kumari	SMH		Shyamanta M. Hazarika
BP	Biranchi Panda					PKH	Prasenjit Khanikar	SKP		Sajan Kapil
BSR	B Sandeep Reddy					PMK	P Muthukumar	SSV		S Senthilvelan
DB	D Bandopadhyaya					PRM	Pranab Kumar Mondal	SUP		Sukhomay Pal
DC	D. Chakraborty					PSR	P S Robi	TKM		Tapan K. Mankodi
DNB	Dipankar N Basu					RKM	Rinku Mittal	USD		U S Dixit
DS	Deepak Sharma					RGN	R Ganesh Narayanan	UKK		Ujendra Kumar Kamal
GM	G Madhusudana					RT	R Tiwari	UKS		U K Saha
KK	Karuna Kalita					SB	Swarup Bag	VK		Vinayak Kukarni
								VKB		Vinod Kumar Bandaru