

2024- 2025												
Monsoon Semester (July-Nov 2024)												
Course No.	Course Title	L	T	P	C	Type of Course (Compulsory / Open Elective/ Dept. Elective)	Offered to Whom (Program & Semester)	Requirement	Instructors	Co-ordinator	Class Slot	Exam Slot
ME 110	Workshop - I	0	0	3	3	Compulsory	UG- I	5 tutors	USD, SK(C) PSR, TDP, PB	SK		
CE 101	Engineering Drawing	2	0	3	7	Compulsory	UG- I	1 Instructor and 3 tutors	SSV(I), RKM, RGN, NK (IPDF),TKM, UKK, VKB			
ME 211	Thermodynamics	2	1	0	6	Compulsory	UG- III		NS	NS	A	D
ME 211	Thermodynamics	2	1	0	6	Compulsory	UG- III		MP			
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III (Sec I)		AN	SP	B	B
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec II)		PK			
ME 212	Solid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec III)		SP©			
ME 213	Engineering Materials	3	0	0	6	Compulsory	UG- III (Sec I)		PKH ©	PKH	C	C
ME 213	Engineering Materials	3	0	0	6	Compulsory	UG- III(Sec II)		SK			
ME214	Fluid Mechanics - I	2	1	0	6	Compulsory	UG- III (Sec I)		VKB©	VKB	E	E
ME214	Fluid Mechanics - I	2	1	0	6	Compulsory	UG- III(Sec II)		AKD			
ME 215	Machine Drawing	0	0	3	3	Compulsory	UG- III (Sec I)	4 Tutor	DC, PK	SNJ	M 2-5	
ME 215	Machine Drawing	0	0	3	3	Compulsory	UG- III (Sec II)	4 Tutor	SNJ, KK		W 2-5	
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)	3 Tutor	AN(SM), PKH (Mat), AMD (FH)	BP	Tu 2-5	
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)	3 Tutor	SP(SM), BP(Mat)(C), UKS (FH)		M 2-5	
ME 311	Heat Transfer	3	0	0	6	Compulsory	UG- V (Sec I)		AD	AD	A1	A1
ME 311	Heat Transfer	3	0	0	6	Compulsory	UG- V (Sec II)		AD			
ME 312	Manufacturing Technology - II	3	0	0	6	Compulsory	UG- V (Sec I)		RKM ©	RKM	D1	C1
ME 312	Manufacturing Technology - II	3	0	0	6	Compulsory	UG- V (Sec II)		UKK			
ME 313	Dynamics of Machinery	2	1	0	6	Compulsory	UG- V		RT	SSG	c1	D1
ME 313	Dynamics of Machinery	2	1	0	6	Compulsory	UG- V		SSG(c)			
ME 314	Design of Machine Elements	3	0	0	6	Compulsory	UG- V		BSR	BSR	F1 + W5-6	F1
ME 314	Design of Machine Elements	3	0	0	6	Compulsory	UG- V		DC			
ME 315	Mechanical Engineering Lab - III (Vibration, Theory of Machines, Metrology)	0	0	3	3	Compulsory	UG- V (Sec I)	3 Tutor	RT (Vib), SMH (ToM), MD(Met)	SB	F 9-12	
ME 315	Mechanical Engineering Lab - III (Vibration, Theory of Machines, Metrology)	0	0	3	3	Compulsory	UG- V (Sec II)	3 Tutor	AB (Vib), SB(Met)(C), SKK (ToM)		Tu 9-12	

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ME398	BTP Phase1	0	0	3	3	Compulsory	UG- V			MD			
ME401	Summer Training	0	0	0	0	Compulsory	UG-VII			TDP			
ME498	BTP PhaseIII	0	0	6	6	Compulsory	UG-VII			MD			
ME 201M	Manufacturing Technology – I	3	0	0	6	Minor	UG-III		BP		G	G	
ME401M	Project (7th Semester)	0	0	6	6	Minor	UG-VII			BSR			
ME 501	Advanced Engg. Math	3	0	0	6	Compulsory	PG		SMH	SKP	A	B1	
ME 501	Advanced Engg. Math	3	0	0	6	Compulsory	PG		SKP©				
ME 502	Engineering Computing Laboratory	0	0	3	3	Compulsory	PG	5 Tutor		DNB(C), AS,SKP,GM,SSG	DNB	W, Th 2-5	
ME 504	MTP (Phase I)	0	0	20	20	Compulsory	PG			BP			
ME 510	Subtractive Manufacturing	3	0	0	6	Compulsory	UG,PG		MD		B1 + Tu4-5	A1	
ME 512	Welding and Additive Manufacturing	3	0	0	6	Compulsory	UG,PG		PB		E + M5-6	E	
ME 520	Fluid Mechanics	3	0	0	6	Compulsory	PG		DNB		B1 + Tu4-5	A1	
ME 521	Conduction and Radiation	3	0	0	6	Compulsory	PG		AMD		E + M5-6	E	
ME 523	Advanced Thermodynamics	3	0	0	6	Compulsory	PG		TKM		C1	G1	
ME 530	Advanced Mech of Solids	3	0	0	6	Compulsory	PG		AB		B1 + Tu4-5	A1	
ME 531	Mechanical Vibration	3	0	0	6	Compulsory	UG,PG		SKD		C	C	
ME 532	Finite Element Methods in Engineering	3	0	0	6	Compulsory/Open Elective	UG,PG		USD		F	F	
ME 543	Computational Fluid Dynamics	3	0	0	6	Compulsory	PG		AS		D	D	
ME 550	Introduction to Aerospace Engineering	3	0	0	6	Compulsory	PG		UKS		C	C	
ME 551	Aerodynamics	3	0	0	6	Compulsory	PG		GM		B1 + Tu4-5	A1	
	ELECTIVES												
Course No.	Course Title	L	T	P	C	Type of Course (Compulsory / Open Elective/ Dept. Elective)	Offered to Whom (Program & Semester)	Requirement	Instructors	Co-ordinator			
ME 606	Solidification Processing	3	0	0	6	Departmental Elective	UG,PG		PSR		C1	G1	
ME609	Optimization Methods in Engineering	3	0	0	6	Open Elective	UG,PG		DS		B	B	

ME 644	Modern Control	3	0	0	6	Departmental Elective	PG		KK		E + M5-6	E
ME 659	Tribology of Bearings	3	0	0	6	Departmental Elective	PG		SKK		Tu, F 3-4 + W12-1	D1
ME 664	Theory of Elasticity	3	0	0	6	Departmental Elective	PG		TDP		E + M5-6	E
ME 686	Micro-manufacturing	3	0	0	6	Departmental Elective	PG		SNJ		C	C
ME 674	Soft Computing in Engineering	3	0	0	6	Departmental Elective	UG,PG		SUP		D	D
ME 678	Mechanics of Sheet Metal Forming	3	0	0	6	Departmental Elective	UG,PG		RGN		D1 + Tu 3-4	D1
ME 679	Mechanical Behaviour of Materials	3	0	0	6	Departmental Elective	UG,PG		SB		D	D

AMD	Amaresh Dalal
AB	Atanu Banerjee
AD	Arnab K De
AKD	Anoop K Dass
AN	Arup Nandy
AS	Atul K. Soti
BK	Bhaskar Kumar
BP	Biranchi Panda
BSR	B Sandeep Reddy
DB	D Bandopadhya
DC	D. Chakraborty
DNB	Dipankar N Basu
DS	Deepak Sharma
GM	G Madhusudana
KK	Karuna Kalita
KSRKM	K S R Krishna Murthy
MD	Manas Das
MP	Manmohan Pandey
NS	Niranjan Sahoo
PB	Pankaj Biswas
PK	Punam Kumari
PKH	Prasenjit Khanikar

PRM	Pranab Kumar Mondal
PSR	P S Robi
RGN	R Ganesh Narayanan
RKM	Rinku Mittal
RT	R Tiwari
SB	Swarup Bag
SK	S Kanagaraj
SKD	S K Dwivedy
SKK	S K Kakoty
SNJ	Shrikrishna N Joshi
SP	Satyajit Panda
SSG	Sachin S Gautam
SMH	Shyamanta M. Hazarika
SKP	Sajan Kapil
SSV	S Senthilvelan
SUP	Sukhomay Pal
TDP	Tarkes Dora Pallicity
TKM	Tapan K. Mankodi
UKK	Ujendra Kumar Komal
UKS	U K Saha
USD	U S Dixit
VKB	Vinodh Kumar Bandaru