

YES: CAN OPT; NO: CANNOT OPT

CORE: COMPULSORY

Group	Course code	Course title	Instructor	L-T-P-C	6 <sup>th</sup>	8 <sup>th</sup>	AP	CM	FT	MD	MSE	OPEN
G1	ME 513	Physics of Deformation Processes	RGN	3-0-0-6	NO	YES	NO	NO	NO	YES	CORE	NO
	ME 522	Convective Heat Transfer	AMD	3-0-0-6	NO	YES	YES	YES	CORE	NO	NO	NO
	ME 607	Introduction to Composite Materials	DC	3-0-0-6	NO	YES	NO	YES	NO	YES	NO	NO
G2	ME 511	Engineering Materials and Characterization	PKH	3-0-0-6	YES	NO	NO	NO	NO	YES	CORE	NO
	ME657	Two Phase Flow and Heat Transfer	MP	3-0-0-6	YES	YES	NO	NO	YES	NO	NO	NO
	ME 541	Continuum Mechanics	SSG	3-0-0-6	NO	YES	NO	CORE	YES	YES	NO	NO
	ME 552	Aircraft Propulsion	VK	3-0-0-6	NO	NO	CORE	NO	YES	NO	NO	NO
G3	ME 619	Fundamentals of Microfluidics	SM	3-0-0-6	YES	YES	YES	NO	YES	NO	NO	NO
	ME 688	Advanced machining processes	RKM	3-0-0-6	YES	YES	NO	NO	NO	NO	YES	NO
	ME 670	Advanced Computational Fluid Dynamics	GM	3-0-0-6	NO	NO	YES	YES	YES	NO	NO	NO
G4	ME 553	Gas Dynamics	BK	3-0-0-6	NO	NO	CORE	NO	YES	NO	NO	NO
	ME 612	Nuclear Energy: Concepts and Applications	DNB	3-0-0-6	NO	YES	NO	NO	YES	NO	NO	NO
	ME 628	Additive Manufacturing Technologies	SB	2-0-2-6	NO	YES	NO	NO	NO	YES	YES	NO
	ME 542	Numerical Analysis	AB	2-0-2-6	NO	YES	NO	CORE	YES	YES	NO	NO

Sheet1

G5	ME 554	Rocket Propulsion	UKS	3-0-0-6	NO	NO	CORE	YES	YES	NO	NO	NO
	ME 605	Fracture, Fatigue and Failure Analysis	KSRKM	3-0-0-6	NO	NO	NO	YES	NO	YES	YES	NO
	ME 621	Regrigeration and Air-Conditioning	PMK	3-0-0-6	NO	YES	NO	YES	YES	NO	NO	NO
G6	ME 648	Viscous Fluid Flow	AKD	3-0-0-6	NO	YES	YES	YES	YES	NO	NO	NO
	ME 683	Computational Gas Dynamics	TKM	3-0-0-6	NO	YES	YES	YES	YES	NO	NO	NO
	ME 615	Rotor Dynamics	RT	3-0-0-6	NO	YES	NO	YES	NO	YES	NO	NO
G7	ME 668	Sports Biomechanics (Open Elective)	SK	2-0-2-6	NO	YES	YES	YES	YES	YES	YES	YES
G8	ME 674	Soft Computing in Engineering (Open Elective)	SUP	3-0-0-6	NO	YES	YES	YES	YES	YES	YES	YES

Group	Course code	Course title	Instructor	L-T-P-C	Elective	CORE
G1	ME 513	Physics of Deformation Processes	RGN	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, MD	MSE
	ME 522	Convective Heat Transfer	AMD	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, AP, CM	FT
	ME 607	Introduction to Composite Materials	DC	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, MD, CM	
G2	ME 511	Engineering Materials and Characterization	PKH	3-0-0-6	B. Tech 6 <sup>th</sup> Sem, MD	MSE
	ME657	Two Phase Flow and Heat Transfer	MP	3-0-0-6	B. Tech 6 <sup>th</sup> Sem, B. Tech 8 <sup>th</sup> Sem, FT	
	ME 541	Continuum Mechanics	SSG	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, MD, FT	CM
	ME 552	Aircraft Propulsion	VK	3-0-0-6	FT	AP
	ME 619	Fundamentals of Microfluidics	SM	3-0-0-6	B. Tech 6 <sup>th</sup> Sem, B. Tech 8 <sup>th</sup> Sem, FT, AP	

G3	ME 688	Advanced machining processes	RKM	3-0-0-6	B. Tech 6 <sup>th</sup> Sem, B. Tech 8 <sup>th</sup> Sem, MSE	
	ME 670	Advanced Computational Fluid Dynamics	GM	3-0-0-6	AP, CM, FT	
G4	ME 553	Gas Dynamics	BK	3-0-0-6	FT	AP
	ME 612	Nuclear Energy: Concepts and Applications	DNB	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, FT	
	ME 628	Additive Manufacturing Technologies	SB	2-0-2-6	B. Tech 8 <sup>th</sup> Sem, MD, MSE	
	ME 542	Numerical Analysis	AB	2-0-2-6	B. Tech 8 <sup>th</sup> Sem, MD, FT	CM
G5	ME 554	Rocket Propulsion	UKS	3-0-0-6	FT, CM	AP
	ME 605	Fracture, Fatigue and Failure Analysis	KSRKM	3-0-0-6	CM, MD, MSE	

	ME 621	Refrigeratio n and Air- Conditionin g	PMK	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, CM, FT	
G6	ME 648	Viscous Fluid Flow	AKD	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, CM, FT, AP	
	ME 683	Computatio nal Gas Dynamics	TKM	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, CM, FT, AP	
	ME 615	Rotor Dynamics	RT	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, CM, MD	
G7	ME 668	Sports Biomechani cs (Open Elective)	SK	2-0-2-6	B. Tech 8 <sup>th</sup> Sem, CM, FT, AP, MD, MSE	
G8	ME 674	Soft Computing in Engineering (Open Elective)	SUP	3-0-0-6	B. Tech 8 <sup>th</sup> Sem, CM, FT, AP, MD, MSE	