Record Nr.	UNINA9910366610103321
Titolo	Emerging Trends in Mechanical Engineering : Select Proceedings of ICETME 2018 / / edited by L. Vijayaraghavan, K. Hemachandra Reddy, S. M. Jameel Basha
Pubbl/distr/stampa	Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020
ISBN	981-329-931-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (619 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4356
Disciplina	621
Soggetti	Fluid mechanics
	Machinery
	Tribology
	Corrosion and anti-corrosives
	Coatings
	Manufactures
	Thermodynamics
	Heat engineering
	Heat transfer
	Mass transfer
	Engineering Fluid Dynamics
	Machinery and Machine Elements
	Tribology, Corrosion and Coatings
	Manufacturing, Machines, Tools, Processes Engineering Thermodynamics, Heat and Mass Transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Papers on CFD Applications 2. Papers on Heat Transfer Analysis 3. Papers on Composite Materials for Light Weight Applications 4. Papers on Advances in Tribology 5. Papers on Machine Dynamics and Fracture Analysis 6. Papers on Industrial and Production Engineering 7. Papers on Manufacturing Engineering.
Sommario/riassunto	This book comprises select proceedings of the International Conference

on Emerging Trends in Mechanical Engineering (ICETME 2018). The book covers various topics of mechanical engineering like computational fluid dynamics, heat transfer, machine dynamics, tribology, and composite materials. In addition, relevant studies in the allied fields of manufacturing, industrial and production engineering are also covered. The applications of latest tools and techniques in the context of mechanical engineering problems are discussed in this book. The contents of this book will be useful for students, researchers as well as industry professionals.