1. Record Nr. UNINA9910731457103321

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Titolo	Recent Advances in Mechanical Engineering : Select Proceedings of FLAME 2022 / / edited by Anoop Kumar Shukla, Bhupendra Prakash Sharma, Ahmad Arabkoohsar, Pradeep Kumar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9918-94-4
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (840 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Altri autori (Persone)	SharmaBhupendra Prakash ArabkoohsarAhmad KumarPradeep
Disciplina	621
Soggetti	Production engineering Materials Nanotechnology Industrial engineering Automation Process Engineering Materials Engineering Industrial Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Solar Distillation using Quantum Dot Glass Evaporator -- Absorption Cooling System Powered by a Low Concentration Collector: A Case Study -- Investigation of Carbon Nanotubes and Titanium Dioxide Doped Biodiesel on the Performance and Emission Characteristics of 4-Stroke Diesel Engine -- Hip Prosthesis: Material, Wear and Loading Considerations for Long Life Sustainability -- Investigation of Digitization Practices in Indian Auto Component SMEs -- Design and FEM Analysis of Porous Scaffold for Artificial Knee Joint Implant -- Integration of Face Biometric and Steganography Technique for Individual Authorization -- UV Irradiation based Potable Water Disinfection System using Solar Power -- Modelling and Structural Analysis of 3D printed Auxetic structure -- Fabrication and Analysis of

	a Hybrid Solar and Wind Powered Electric Vehicle Charging Station -- Performance Analysis of Heat Exchanger Using Nanofluid -- Bibliometric Analysis of Global Research Trend on Construction and Demolition Waste in Past Two Decade.
Sommario/riassunto	This volume comprises the select proceedings of the 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME) 2022. It aims to provide a comprehensive and broad-spectrum picture of the state-of-the-art research and development in thermal, fluids, energy and process engineering, mechatronics, control and robotics, material science and engineering, solid mechanics and structural engineering, dynamics and control, engineering design, manufacturing and industrial engineering, automobile engineering. This volume will prove a valuable resource for researchers and professionals in mechanical engineering and allied fields.