1. Record Nr. UNINA9911047703403321

Autore	Raghavendra Gujjala
Titolo	Recent Trends in Manufacturing Engineering : Select Proceedings of ICMech 2024 / / edited by Gujjala Raghavendra, Aswani Kumar Bandaru, Manoj Gupta
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026
ISBN	9789819675760
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (0 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Altri autori (Persone)	Kumar BandaruAswani GuptaManoj
Disciplina	670
Soggetti	Industrial engineering Production engineering Automation Industrial management Materials Industrial and Production Engineering Industrial Automation Industrial Management Materials Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Artificial Intelligence and Machine Learning Based Predictive Modelling of Beam and 3D Bolt through FEA.-A DAUBECHIES WAVELET-BASED CUTTER SELECTION METHOD FOR EFFICIENT TOOL WEAR MONITORING USING RESNET DEEP LEARNING MODEL -- RANDOMFOREST REGRESSION ANALYSIS FOR SOLAR POND -- A Study on Alkali Treatment effects on Mechanical and Water Absorption Characteristics of Jute-Banana Fiber Phenolic Resin Composites -- Performance Comparison of a Pigeon with a Pigeon Inspired Fixed Wing Micro Unmanned Aerial Vehicle -- Comparative study on mechanical properties and microstructure due to different percentage of reinforcement of B4C on Al7075/B4C Metal Matrix Composite.
Sommario/riassunto	This book presents the select proceedings of International Conference

on Mechanical Engineering: Researches and Evolutionary Challenges (ICMech-REC 24). The topics covered include advanced manufacturing processes, materials engineering, composite materials, nano materials, smart materials, additive manufacturing automation and robotics, sustainable manufacturing and emerging technologies. This book serves as a valuable resource for academics, industry professionals and professionals interested in manufacturing and allied fields.