

1. Record Nr.	UNINA9910760251103321
Autore	K E K Vimal
Titolo	Industry 4.0 Technologies: Sustainable Manufacturing Supply Chains : Volume II - Methods for transition and trends / / edited by Vimal K E K, Sonu Rajak, Vikas Kumar, Rahul S. Mor, Almoayied Assayed
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9948-94-0
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (206 pages)
Collana	Environmental Footprints and Eco-design of Products and Processes, , 2345-766X
Altri autori (Persone)	RajakSonu KumarVikas MorRahul S AssayedAlmoayied
Disciplina	658.7
Soggetti	Industrial engineering Production engineering Business logistics Sustainability Blockchains (Databases) Quantitative research Internet of things Industrial and Production Engineering Supply Chain Management Blockchain Data Analysis and Big Data Internet of Things
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	SME 4.0: AI based Machine Health Monitoring and Optimal Decision Support System for Preventive Maintenance Management Approaches in Smart Manufacturing -- Case Study: Industry 4.0 in manufacturing sustainable supply chain -- Sustainability and digitalisation in SMEs in pandemic scenario -- Challenges in adoption of Industry 4.0 in Supply Chain: Study in context of Oil and Gas Industry -- Improving Supply

Chain Sustainability Decisions using Artificial Intelligence and Analytics:  
Evidence from the Manufacturing Sector -- A Grey-DEMATEL Approach  
for Analyzing the Challenges for Lean 4.0 in SMEs.

---

Sommario/riassunto

This book covers topics related to implementation of advanced technologies, such as AI, big data, procurement 4.0, Logistics 4.0 and Lean 4.0, in Industry 4.0 for the manufacturing supply chain. Many applications of Industry 4.0 in the manufacturing supply chain have been presented. The content of this book is useful for students, researchers and professionals in order to implement Industry 4.0 in manufacturing supply chain.

---