

1. Record Nr.	UNINA9910767508703321
Autore	Kashyap Anil
Titolo	Sustainable Lean Construction : Select Proceedings of ILCC 2022 / / edited by Anil Kashyap, N. Raghavan, Indrasen Singh, Venkatesan Renganaidu, Arun Chandramohan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9954-55-X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (514 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 383
Altri autori (Persone)	RaghavanN SinghIndrasen RenganaiduVenkatesan ChandramohanArun
Disciplina	624.068
Soggetti	Buildings - Design and construction Construction industry - Management Environmental engineering Civil engineering Building Construction and Design Construction Management Environmental Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Construction of 80m Steel Open Web Girder Over Gaddigodam Railway Span in Nagpur - A Lean Approach -- Chapter 2. Investigation of work-related musculoskeletal disorders among rebar workers in South India -- Chapter 3. Case Study on Value Stream Mapping for Precast Hollow Core Slab -- Chapter 4. Assessment of Factors Affecting Productivity of Pilot Tube Micro-tunneling Operation through Case Study -- Chapter 5. Application of Operational Management Tools at Precast Yard -- Chapter 6. Identification and Analysis of Lean Techniques in Indian Metro Rail Projects -- Chapter 7. Application of Lean Principles to Improve Rebar Productivity in Heavily Reinforced Structures -- Chapter 8. Application of Lean Technique in Warehouse Operations for Waste Reduction -- Chapter 9. Customizing

the Last Planner System Components to Plan and Monitor Typical Concrete Cycles -- Chapter 10. Identification and Reduction of the Manpower Waste in Construction Using Work-Sampling Analysis -- Chapter 11. Employing Linear Scheduling Method and Supply Chain Principles for Optimizing Storage Demand -- Chapter 12. Optimizing Timeline of Parallel Finishing Activities in Highrise Building Projects Using Linear Scheduling -- Chapter 13. Assessment of Last Planner® System Maturity & Engagement of Participants by Linguistic Action Perspective Approach- A Case Study -- Chapter 14. Development of Deployment Framework to Overcome the Challenges in Sustaining Lean Implementation in Construction Projects - A Company's Multi-Site Case Study -- Chapter 15. Lean Implementation: A Never-Ending Journey of a Company. etc.

Sommario/riassunto

This book presents select proceedings of the Indian Lean Construction Conference (ILCC 2022) with adoption and implementation cases of lean concepts across Indian construction projects. The topics covered are lean culture and behavior, lean in sustainable and green technologies, lean supply chain management and offsite construction, lean in public sector, lean in modern construction techniques, etc. The book also discusses various properties and performance attributes of lean tools and techniques across various construction practices in infrastructure and real estate projects. The book is a valuable reference for researchers and construction professionals interested in Lean Construction.
