

Special Issue

Industry 4.0 Technologies and Strategies in Lean Manufacturing Processes

Message from the Guest Editor

Industry 4.0 is characterized by the integration of advanced digital technologies into manufacturing processes, including artificial intelligence, machine learning, the Internet of Things (IoT), and cloud computing. Today, Industry 4.0 technologies are transforming how companies operate and produce goods, serving as key drivers of economic growth and competitiveness for businesses worldwide. Similarly, lean manufacturing has proven to be an effective strategy for optimizing production processes, reducing costs, and improving quality. Although these two approaches may seem quite different, their combined integration into the industry is crucial for firms to improve and become more competitive. By combining Industry 4.0 technologies with lean manufacturing principles, companies can achieve greater efficiency, flexibility, and responsiveness to market demands and modernize their operations. We welcome you to contribute literature review papers, proposals for new method development, theoretical knowledge generation, and technology development, and application case studies.

Guest Editor

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