

## عنوان مقاله:

Integration of Sustainable Manufacturing, Lean Manufacturing and Circular Economy: Proposal of a Research Model

## محل انتشار:

دومین کنفرانس بین المللی بهینه سازی سیستم های تولیدی و خدماتی (سال: 1401)

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## نویسندگان:

Chong Jia Yuik - Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, 81310, Johor, Malaysia

Muhamad Zamari Mat Saman<sup>2</sup> - Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, 81310, Johor, Malaysia

## خلاصه مقاله:

The rapid industrial revolution has created competitive challenges for sustainable development in manufacturing organisations. However, the studies connecting sustainable manufacturing, lean manufacturing and circular economy dimensions are still receiving little attention. Therefore, this study aims to review the most recent articles on sustainable manufacturing, lean manufacturing and circular economy fields and propose a conceptual model for future research. An extensive review is performed on the published literature between 2012 to 2021 from the Scopus online database. The current state of the implementation framework, challenges, and opportunities in these three areas was reviewed to identify the research gaps. This review article provides insights into the critical elements of these three dimensions to enhance sustainable development in manufacturing industries. An integrated conceptual model is proposed to connect the sustainable dimensions. This model can support the manufacturing industry players in formulating strategic approaches to optimise the sustainable value chain in future industrial applications

## کلمات کلیدی:

Sustainable manufacturing, Lean manufacturing, Circular economy, Literature review, Sustainability

## لینک ثابت مقاله در پایگاه سیویلیکا:

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