



Dear readers,

The second edition of 2019 of the journal *Produção Online* presents 15 articles related to the areas and related disciplines of production engineering.

The first article presents a portfolio analysis of the SUV automotive sector in Brazil from 2011 to 2015. This analysis was carried out through the BCG (Boston Consulting Group) matrix. The following article is related to the theme of engineering education and presents the motivations and difficulties for the implementation of Academic Software Factories in Higher Education Institutions (ASFHEI). The research method used bibliographical analysis, documentary analysis and interviews with leaders of ten Brazilian Higher Education Institutions. The third article evaluates the levels of particulates and pollutant gases related to the burning of diesel used as fuel for heavy machinery in the hold of ships during the cargo stowage operations in a terminal of the port complex of the State of Espírito Santo. The fourth article presents the perception of industrial workers without disabilities as to how adequate industrial jobs are for the inclusion of people with disabilities. The fifth article analyzes the operations management system of a multi-unit industrial mortar company from the perspective of applying the Lean Manufacturing principles

The sixth article analyzes, through a survey of engineers and managers working in civil construction in the South of Brazil, the perception of engineering and civil construction professionals regarding the benefits provided by the application of lean construction principles. The seventh article identifies the degree of implementation of Statistical Thinking and Statistical Techniques and the impact of this implementation on companies in the chemical sector located in the state of São Paulo, Brazil. The following article proposes to analyze the risks and develop a program of prevention of environmental risks for the University Restaurant of the Federal University of Paraíba. The ninth article seeks to understand the dynamics of diffusion that occurs in the process of launching and market penetration of a new e-commerce, focusing especially on the organic positioning of the search web. The tenth article aims to understand verticalization in agribusiness, focusing on logistic operations of sugar production, emphasizing the process of merger between a logistics company belonging to a sugar-energy group and a national railway company.

The next article presents the vision of resilience engineering under the work of control room operators at an electric power distributor. The twelfth article evaluates the effectiveness of the application of the philosophy of Lean Manufacturing in the management of the remanufacturing process. The thirteenth

article analyzes the positioning of the subsidiaries of national automobile companies in the face of the challenges of sustainable urban mobility in Brazil. The following article presents, through a bibliometric analysis and the AHP method, a collaborative supply chain perspective to support industry 4.0. Finally, the fifteenth article identifies the gaps between the expectations and perceptions of the students of a Public Institution of Higher Education in relation to the quality of the services provided.

The content of the articles evidences the growing scientific and practical relevance of research in the area of production engineering. It is also evident the constant concern with the resolution of real problems of several regions, which results in the increase of the competitiveness and the sustainable development of Brazil. As always, we hope that this collection of articles, which reflects the state of the art of production engineering, can contribute to the enrichment of your learning.

Prof. Dr. André Luís Helleno  
Editor-in-chief (2018 – 2020)

Prof. Dr. Antonio Cezar Bornia  
Co-Editor-in-chief (2018 – 2020)

Revista Produção Online  
Brazilian Association of Industrial Engineering (ABEPRO)

**Key editorial performance indicators – June 2019**

Number of papers under evaluation: 102

Number of paper in editing and publishing process: 16

Average time between submission and acceptance for publication: 320 days

Average time between submission and first feedback to authors: 45 days