

Innovation and Entrepreneurship in Education: A Bibliometric Analysis

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Abstract

Purpose – Innovation in education is one of the alternative approaches in education to promote creative and higher-order thinking skills, providing hands-on learning and learning in context experience. However, there is a need to combine the ability to produce a commercialised innovation instead, as not many studies have combined innovation and entrepreneurship in an educational approach. This study seeks to examine the pattern of publication, key concepts, citations, and authorship in innovation and entrepreneurship educational research and their collaborations.

Methods – This study employed a bibliometric analysis of 1,941 scholarly works related to innovation and entrepreneurship as recorded in the Scopus database on June 20th, 2021, for the past 10 years, starting in 2011.

Findings – The findings indicate that since 2011, innovation and entrepreneurship have caught the attention of scholars from both the East and the West, such as the United States, the United Kingdom, Spain, and China, and the number of publications has grown consistently over the 10 years after that. Based on the findings, both innovation and entrepreneurship do rely on each other, and a proper curriculum design structure and management must be considered to assimilate these two elements together in any academic subject.

Significance – According to the findings, these two elements are best applied at the tertiary level, and if they work together and blend well, they will aid not only in preparing future generations with good entrepreneurial skills but also in economic and sustainable development. However, while this transdisciplinary approach to educational research has been well received in the West, it has yet to be adequately encouraged in the East. There has been healthy cross-country collaboration, but there is a gap in combining innovation and entrepreneurship in educational research from certain countries vis a vis western countries. The findings of this study may have contributed significantly to increasing the inclusivity and global reach of innovation and entrepreneurship in educational research.

Keywords: Innovation, Entrepreneurship, Education, Bibliometric analysis, Transdisciplinary.