

Exploring Open Process Innovation: Insights from a Systematic Review and Framework Development

Authors : Saeed Nayeri

Abstract : This paper explores the feasibility of openness within firms' boundaries during process innovation and identifies the key determinants of open process innovation (OPI). Through a systematic review of 78 research studies published between 2001 and 2024, the author synthesized diverse findings into a comprehensive framework detailing OPI attributes and pillars. The identified OPI attributes encompass themes such as technology intensity, significance, magnitude, and locus of exploitation, while the OPI pillars include mechanisms, partners, achievements, and antecedents. Additionally, the author critically analysed gaps in the literature, proposing future research directions that advocate for a broader methodological approach, increased emphasis on theory development and testing, and more cross-national and cross-sectoral studies to advance understanding in this field.

Keywords : open innovation, process innovation, OPI attributes, systematic literature review, organizational openness

Conference Title : ICIMT 2024 : International Conference on Innovation, Management and Technology

Conference Location : Nicosia, Cyprus

Conference Dates : November 04-05, 2024