

عنوان مقاله:

A comprehensive model for innovation network management (CMINM) based on its environment

محل انتشار:

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خلاصه مقاله:

Recently, concepts such as 'open innovation' and 'innovation network' have become important and beneficial to both academic and market society due to intensive global competition. In this study, at first, theoretical aspects and literature related to innovation network and its management are reviewed, analyzed and classified to make a constructive literature review. This led to the classifications consisting of: building blocks of innovation network management (INM), managing innovation, dimensions of relational network, network environment, types of innovation and knowledge and types of performance. The review shows most researches have limited investigation and the development of the model to their particular views and applications. In other words, there rarely exist comprehensively and systematically model developed in the literature. Also, due to the complexity inherent in dynamic systems, innovation networks are often non-linear and hard to observe and control. Also, knowledge about regulation, control and communication functions in system is known as 'cybernetics' related to control and system theories. Thus, general cybernetic model and its modules are examined and finally, to develop a comprehensive model of innovation network management (CMINM), theoretical aspects and factors classified are assigned to modules of the model and it is evaluated and validated through interviewing with a few experts

کلمات کلیدی:

innovation; innovation network management; network environment; cybernetics; comprehensive model

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