

عنوان مقاله:

Assessing the effect of technology transfer actors on technological learning: The case study of the Syrian textile industry

محل انتشار:

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خلاصه مقاله:

Preliminary step of successful technology policymaking in less developed countries is to understand nature, pace and direction of technical change. Due to limited innovation capacity of less developed countries, reliance on absorbing elsewhere's technologies and achieving incremental innovation in vicinity of those technologies is dominant. Technology transfer possesses an opportunity of technological learning only when intertwined with systematic efforts to build indigenous technological capabilities. This paper by adopting technological learning concept based on technology absorption and incremental innovation at firm level, and identifying roles of technology transfer actors that affect technological learning, interconnects these variables in mold of conceptual model to assess the effect of technology transfer actors on technological learning. A content validated questionnaire by 15 experts was addressed to 33 Syrian textile factories in public and private sectors in order to examine the assessment model in real life setting. Results of simple linear and multiple linear regression analysis show notable effect of technology transfer actors on operative capability compared to the effect on adaptive and innovative capabilities, in addition, ordinal regression analysis results, solely confirm the effect of operative capability on passive incremental innovation; these findings imply the passive entity of technical change system of textile industry in Syria.

کلمات کلیدی:

Technological learning, Technical change, Technological capability, Technology Transfer, Textile, Syria

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