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Management 4.0 – The impact of technologies in management organization

AUTHOR

Mr. Mohamed Yousif Khamis Al Naqbi
American University in The Emirates

ABSTRACT

Technological innovation is currently a determining factor in building the competitive advantage of each company. However, if in the first instance the transition towards innovative production systems seems to focus mainly on technological investments, the implementation of new technologies has a strong impact on the underlying organizational structure which must be renewed in order to deal effectively with change. It therefore becomes crucial to face the change through a holistic approach of digital transformation that takes into account the main macro-themes of a technological, productive and organizational matrix. It is therefore essential to identify the phases of the digital 4.0 transformation process up to the strategic and operational management that derives from it by transversally evaluating the technological, behavioural aspects and the analysis of the constraints. Through the study of the structural characteristics and the internal and external dynamics of the organization, the identification phase of the objectives to be achieved is approached in order to determine an action plan to innovate the strategies that takes into account the company’s potential, the technologies implemented or to be implemented, the enhancement of human resources.

KEYWORDS

Management 4.0; technology; management organization.

REFERENCES


