

# **The Impact of ICT Adaptation on The Transformation of Capacities and Capabilities: Empirical Study on Batik Craftsmen in Indonesia**

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## **ABSTRAK**

The importance of ICT adaptation in batik craftsmen must be addressed, starting from providing an understanding of philosophy and concepts and work strategies as important consequences for transforming their capacities and capabilities. This study examines the structural model of the influence of capacity and capability transformation on ICT adaptation, the effect of understanding philosophy and concepts and work strategies on capacity and capability, and the indirect effect of understanding philosophy and concepts and work strategies on ICT adaptation through the messianic role of capacity transformation and capability. The survey research was conducted on 14 batik industries involving 162 participants who are members of the micro, small, and medium batik industry. Data collection was assisted using a closed questionnaire with a five Likert scale which was then analyzed using SEM analysis through path analysis and bootstrap methods. The study's results prove that the transformation of capacity and capability can significantly influence ICT adaptation. On the other hand, besides being proven to be significant in influencing the transformation of capacities and capabilities, understanding philosophy, concepts, and strategies also indirectly affect ICT adaptation.

Kata Kunci: *batik, capacity, capability, transformation, philosophy and concept, work strategies.*