

## Framework for Improving Manufacturing "Implicit Competitiveness" by Enhancing Monozukuri Capability

**Authors :** Takahiro Togawa, Nguyen Huu Phuc, Shigeyuki Haruyama, Oke Oktavianty

**Abstract :** Our research focuses on a framework which analyses the relationship between product/process architecture, manufacturing organizational capability and manufacturing "implicit competitiveness" in order to improve manufacturing implicit competitiveness. We found that 1) there is a relationship between architecture-based manufacturing organizational capability and manufacturing implicit competitiveness, and 2) analysis and measures conducted in manufacturing organizational capability proved effective to improve manufacturing implicit competitiveness.

**Keywords :** implicit competitiveness, QCD, organizational capacity, architectural strategy

**Conference Title :** ICIEM 2017 : International Conference on Industrial Engineering and Management

**Conference Location :** Prague, Czechia

**Conference Dates :** March 23-24, 2017