

Implementation of Knowledge Management at Woven Handycraft Industry (Case Study: DI Yogyakarta – Indonesia)

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Abstract

The purpose of this study to describe profile and to elaborate problem in order to indentify knowledge management system are needed for quality improvement woven handicraft industry. These study have done at DI Yogyakarta, Indonesia, as one of main producer of handicraft. Many products of handicraft industry was exported to several country such as Japan, Taiwan and the United States with total value achieve 69.8 million US\$ in 2013. There are several plant as resources of natural fiber to create many product of handicraft industry such as rattan, bamboo, pandanus, enceng gondok (*eichhornia crassipes*). The supply chain of natural fiber craft industry consists of the producer natural fiber, craftments, trading company, domestic distributor, local and international market. There are knowledge that important to produce and improve quality of handicraft are processing natural fiber, method to make wibben, design and assembling process, packaging. Using AHP to selection the critical knowledge were asked to expert are production management (0.41), marketing and communications (0.19), packaging and distribution (0.17), product design (0.15) and production process (0.07). In future are needed research for developing knowledge in detail and design of application expert management system.

Keywords

Handicraft, knowledge management, AHP