Title:
Identifying and Prioritizing Key Effective Factors in Establishing the Success of KM in Government Companies Using Multi-Criteria Decision-Making Techniques (Case Study: Iran's Nuclear reactors Fuel Company)

Abstract:
Abstract Organizations in today's world of modern economics are trying to establish a successful KM system in order to create and maintain competitive advantage. But the successful implementation of KM requires the identification of key factors in knowledge management and action based on identified factors. The purpose of this study was to identify and evaluate the key factors affecting the successful deployment of knowledge management system in Iran's nuclear reactor fuel company. In this research, 306 employees were selected by stratified random sampling in proportion to their size, according to gender and organizational responsibility. The research method was descriptive and survey type. In this research, a researcher-made questionnaire of 99 questions was used which reduced 81 questions after exploratory factor analysis. The questionnaire has a structural validity and its reliability is obtained by Cronbach's alpha coefficient of 0.96. Data from this research were first identified by exploratory factor analysis, and then data were analyzed by one-sample t-test, independent t-test and analysis of variance and LSD sub-test. The results showed that six identification factors They can describe almost 70% of the key factors affecting the successful deployment of the knowledge system in Iran's nuclear reactor fuel company. These key factors all have a moderate effect on the successful deployment of knowledge management system, A have been meaningful. The results of the ranking by hierarchical analysis method based on the criteria of the knowledge base building model also showed that these factors are organizational culture, leadership support and leadership, senior management, strategy and knowledge goals, knowledge centers and portals, human resource management and organizational structure.

Keywords:
Key words: organizational culture, senior management support and leadership, knowledge strategy and goals, knowledge centers and portals, organizational structure, human resource management, knowledge base construction model and Iran's Nuclear reactors Fuel Company.