

ABSTRACT

Knowledge is a fluid mix of framed experience, values, contextual information, and expert insight that provides a framework that becomes valuable asset that can become the main competitive advantage that differ one organization to the others. When that key individual leaves organization, knowledge will disappear and the competitive advantage of the organization will be lost. Knowledge Management System (KMS) is information system that applied to manage organizational knowledge by supporting and enhancing the organizational process of knowledge creation, storage/retrieval, transfer and application. In the implementation of knowledge management system, organization requires significant amount of arrangement such as organization structure and people.

This research will be calculating readiness level of KMS implementation in PDII LIPI based on people and organization structure concepts with questionnaire data and analytical hierarchy process for priority weighting. Readiness level of knowledge management system implementation in this research is expressed in Aydin and Tasci scale. Output of this research will be used as evaluation and recommendation for PDII LIPI to implement KMS. From questionnaire processing, People and organization structure score are 3.272 and 2.818 so the conclusion for both factors is in the level of 'not ready need some work'. From analytical hierarchy process, knowledge management system implementation readiness concept's priority weight extracted. The concept of people (84.6%) is more important than organization structure (15.4%).

Keyword: Knowledge Management System, Readiness, Analytical Hierarchy Process, Aydin & Tasci Scale, PDII LIPI