Abstract

Knowledge Management is a term used as a systematic and organizationally specified process for acquiring, organizing, and communicating both tacit and explicit knowledge of employees so that other employees may make use of it to be more effective and productive in their work.” (Barnes, 2002). The study is concerned to the process of discovery, creation, dissemination and utilization of knowledge in student’s appeal domain through the development of KM Portal for Student’s appeal domain. KMS is a term used to address any kind of IT system that uses, stores, retrieve and disseminates the information within organization to improve the existing process that requires the tacit and explicit knowledge to be store in a fashionable way (James Robertson, 2007). The study answered the following questions: 1.) What is the KM Model appropriate in the proposed KM Portal? 2) How do the respondents evaluate the proposed KM Portal in terms of Functionality, Reliability, Usability, Efficiency, Maintainability and Portability? 3.) What software methodology model used in the development of KM Portal? The researchers used Case Study Approach in data gathering and Descriptive Research Methodology in evaluating the KM Portal. Convenience sampling was used in data collection. The output of the
research is an application of KMS approach in student’s appeal domain that will help the college
to discover, capture and utilize the knowledge and turn into intellectual assets of the
organization.

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**Index Terms**

Computer Science  
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**Keywords**

Knowledge Management Knowledge Management System, Knowledge Management Support System, KM Portal.