Adoption of Learning Management Systems in Nigerian Tertiary Institutions: Issues and Challenges

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Abstract

Traditionally, tertiary institutions delivered their flexible teaching programs to students with the aid of print based course material and with limited information technology support such as email and electronic discussion lists. However, with recent advances in the digital technologies, institutions are increasingly seeking the potential use of information and communication technologies (ICT) to facilitate their flexible teaching needs. Learning management systems are ICT intervention that aids teaching and learning. Learning management systems help the instructor deliver material to the students, administer tests and other assignments, track student progress, and manage record-keeping. The study aims at identifying the level of adoption of learning management systems by Nigerian tertiary institutions, as well as identify the issues and challenges that hinder the adoption of the technology. 100 respondents were sampled in the study from the faculty of education of the Imo State University. Data was collected with questionnaires and data collected was analyzed using descriptive statistics. The result of the research showed that there was low to null adoption of learning management systems in...
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Nigerian tertiary institutions. Issues identified in the study facing the adoption of learning management system which includes security issues and difficulty in integrating courseware into the Learning management among others. The study also identified challenges hindering adoption of learning management systems in Nigerian tertiary institution which includes poor power supply, high internet access tariffs, and unwillingness to adopt to change amongst other challenges. The study recommends improvement in availability of support infrastructure, subsidization of tariffs for internet access and improvement of power supply in Nigeria amongst other recommendations.

References


**Index Terms**

Computer Science  
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**Keywords**

Learning, management, systems, tertiary, institution