Abstract

Information and communication technologies brought-in tools and techniques in the field of education that introduced new concepts of teaching and learning. Learning management system is one of the key tools used in educational institutes to facilitate e-learning. There is remarkable digital divide among urban and rural areas. In this paper, we present a model for providing e-learning services to remote/rural areas in order to promote and facilitate modern education. A dedicated resource center, hosting the learning management system, facilitates e-learning centers through Internet. The overall goal of this model is to have a cost-effective learning environment equipped with latest technologies to provide learners an opportunity to get insight into new information and communication technologies and e-learning environment. The model offers new teaching methodology with enhance utilization of learning management system in teaching and learning. Basic characteristics and technical aspects will be considered as well. The study will also promote development and usage of open-source technologies.

References
- Enterprise LMS from eFront. http://www.efrontlearning.net/open-source

**Index Terms**

Computer Science  
Software Engineering
Keywords

E-learning  ICTs  Educational Technology  Learning Management System  Open-source Software