Abstract

The growth in the field of Information Technology (IT) has been very fast in last few decades and the various applications depending on IT are also changing very drastically. One of the very popular IT applications is online teaching and learning. The main focus of this article is to survey the various online e-learning architectures and then make a comparison among them. Based on the analytical, comparative studies of these various architectures, we are able to provide certain suggestions about the limitations that were observed. Further on, we emphasize some of the research challenges and design issues that have been followed in order to make fruitful improvement in the intelligent online e-learning architecture system to provide the cultural aspects of online classrooms.

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Intelligent Online e-Learning Systems: A Comparative Study

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**Index Terms**

Computer Science  Information Sciences

**Keywords**

Intelligent Agent  e-learning  Semantic Web technology  Ontology  Online e-learning Models

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