عنوان مقاله:

Blended Learning Resources in Constrained Bandwidth Environment: Considerations for Network and Multimedia Optimization

محل انتشار:

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خلاصه مقاله:

The potential of multimedia teaching and learning approach at higher education is well recognized by researchers, as it is a powerful tool to increase the perceived level of user satisfaction,leading to enhance the blended learning process. However, the learning process can be improved significantly by delivering thecontent using visual media (video, audio, and graphics). On the other hand, such multimedia contents require larger bandwidthfor transmission over the Internet, which is limited in developing environments where demand always exceeds the resource. This paper constructs a framework comprising of network optimization and multimedia optimization, as two main components, aimed to improve the multimedia performance in the context of constrained bandwidth environment.

کلمات کلیدی:

Multimedia, Blended Learning, Optimization,Constrained Bandwidth Environment

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