

Possibilities and perspectives of applying the e-learning model in educational institutions in Bosnia and Herzegovina

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Abstract

E-learning is a type of learning by using electronic technologies to access an educational program outside of a traditional classroom. As conventional classrooms continue to be transformed into digital, it is necessary for teachers to deliver lectures through multiple learning modes. Digitally enriched content and personal learning should be the primary way of teaching, as well as collaborative and interactive learning.

The paper deals with issues of education in a virtual environment, the role of virtual reality and artificial intelligence that is increasingly entering the classrooms of developed countries. The paper explores what application of artificial intelligence in the near future means for the development and wider application of electronic learning in virtual classrooms around the world, as well as in developing countries such as Bosnia and Herzegovina. The paper presents the advantages and opportunities that contribute to the improvement of e-learning in educational institutions and the benefits for students and other involved parties in the educational process, such as teachers and parents.

Keywords: artificial intelligence; digital content; digital literacy; online platforms; virtual reality