

DIGITALIZATION OF EDUCATION: ADVANTAGES AND CHALLENGES

Isidora Milošević¹, Mirjana Bakmaz¹, Milica Grbić²

¹College of Service Business East Sarajevo - Sokolac, Bosnia and Herzegovina – Republic of Srpska,
isidora@vub.edu.ba

²Academy of Vocational Studies, Vladimira Perića Valtera 4, 21 000 Novi Sad, Serbia,
miragrbili@gmail.com

ABSTRACT

In recent years, the digitalization of education has significantly transformed the organization of teaching and the overall approach to the learning process. The use of digital technologies has enabled faster access to information, greater availability of educational content, and the implementation of various forms of online learning. The aim of this paper is to present the main advantages and challenges of the digitalization of education, with a particular focus on the application of e-learning platforms and learning management systems in contemporary teaching. The paper analyzes the positive aspects of digital education, such as flexibility in teaching organization, opportunities for distance learning, and easier access to educational materials, as well as the challenges encountered in practice, including insufficient technical equipment, the digital divide, reduced motivation, and issues related to the quality of online teaching. The research is based on the analysis of relevant scientific and professional literature, as well as the examination of examples of the implementation of digital tools in educational institutions. The results indicate that digitalization has significant potential to improve the educational process. However, its successful implementation depends on adequate technical support, the development of digital competencies, and the adaptation of teaching methods to modern working conditions. It is concluded that continuous improvement of digital infrastructure and the encouragement of innovative teaching approaches are necessary in order to ensure a high-quality and accessible education system.

Keywords: digitalization of education, online learning, e-learning, learning management systems, digital divide.