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EFFECTIVENESS OF TRAINING TECHNOLOGY IN THE CREDIT MODULE SYSTEM

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ABSTRACT	KEYWORDS	
this article provides for the study of the effectiveness of educational	Credit	module
technology when integrating into the credit module system. Distinguished	system,	student,
by its modular structure and flexibility, the credit module system has gained	learning	process,
popularity in educational institutions around the world. By mastering	this, technology.	
educational technology such as online platforms, multimedia resources,		
interactive learning tools, educators can communicate with students and		
increase academic performance. In this review, existing research on the		
subject will be studied within the framework of the credit module system		
to provide insights into the benefits and possible difficulties of applying		
educational technology.		

Introduction

The credit module system revolutionized traditional educational models by offering students even more freedom and autonomy during study trips. Mastering educational technology in this system holds the possibility of further optimization of the educational process. This article presents an analysis of the effectiveness of educational technology in the credit module system, focusing on its impact on Student Engagement, Knowledge preservation, skill development.

Methods:

A comprehensive literature review was conducted to collect relevant research on the effectiveness of educational technology in the credit module system. Peer-reviewed journals, conference sheets, and training databases were searched using specific keywords related to the topic. Only published in the last 10 years and included studies written in English. A total of 50 studies met the inclusion criteria and were analyzed for this review.

Results:

Analysis of selected studies suggests that educational technology integrated into the credit module system can have several negative effects on student learning. First, it enhances working with students by providing interactive and multimedia-rich learning experiences. These extended training can lead to knowledge retention and understanding of the subject. Second, teaching technology allows for personalized learning, allowing students to progress at their own pace and gain targeted feedback.

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Finally, along with educational technology, the modularity of the credit module system promotes the formation of the necessary skills such as critical thinking, problem solving, cooperation.

Training and future directions:

While the integration of educational technology in a credit module system shows promise, several challenges need to be considered. These difficulties include the cost and convenience of technology, ensuring the correct upbringing of caregivers, solving possible issues of technological dependence. Further research is needed to investigate the long-term effects of educational technology in the credit module system, as well as to identify strategies to effectively implement and assess its impact on the diverse student population.

So, indeed, the integration of educational technology into the credit module system provides a set of its own difficulties. Some common issues include:

- * Cost and convenience: the introduction of educational technology can be associated with the purchase of important financial investments, including equipment, software and infrastructure. Regardless of socio-economic origin and geographical location, it is very important to ensure comfort for all students.
- Teaching and support: teachers require proper training and ongoing support to use educational technology effectively. Professional development programs must be provided to familiarize teachers with the tools and techniques needed to integrate technology into teaching practices.
- * Technological dependence. While teaching technology can further enhance learning, students are at risk of relying too heavily on these tools. It is important to weigh the use of technology with traditional teaching methods, to promote critical thinking and problem solving skills.
- * Pedagogical innovation: mastering educational technology should go beyond digitizing only existing materials. This requires modern pedagogical approaches to match the specific objectives of the credit module system, ensuring that technology increases learning rather than just serving as a substitute.
- * Infrastructure and technical support. Adequate infrastructure, including internet connectivity, equipment and technical support, must be introduced to ensure sustainable implementation and minimize disruptions during the training process.

Effective elimination of these challenges requires careful planning, collaboration between partners, and ongoing evaluation to optimize the benefits of educational technology within the credit module system.

Conclusion:

In conclusion, the integration of educational technology in the credit module system has the potential to attract students, preserve knowledge and further enhance skill development. However, careful planning, adequate resources and continuous evaluation are necessary for successful implementation. Learners and institutions must remain aware of the latest advances in educational technology and adapt their practices accordingly in order to effectively use their interests within the credit module system.

The effectiveness of teaching technology based on the credit module system can vary depending on various factors such as the nature of the technology, the learning environment and the specific objectives of the curriculum.

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Some studies suggest that educational technology can increase learning outcomes when properly implemented in a credit module system. This can provide students with great flexibility in pacing their education, allowing for personalized learning, and promoting self-directed learning.

In addition, the modular structure of the credit module system allows students to gradually acquire specific skills and knowledge, providing a more comprehensive understanding of the material.

However, it should be noted that the effectiveness of teaching technology based on the credit module system can also depend on the quality of the technology itself, the pedagogical approach used and the level of teacher support.

References:

- 1. Alemayehu, M., & Berhanu, M. (2019). Challenges of E-Learning Implementation in Ethiopian Higher Education Institutions: A Review. International Journal of Web-Based Learning and Teaching Technologies (IJWLTT), 14(4), 61-77.
- 2. Allen, I.E., & Seaman, J. (2014). Grade Change: Tracking Online Education in the United States.
- 3. Beldarrain, Y. (2006). Distance education trends: Integrating new technologies to foster student interaction and collaboration. Distance Education, 27(2), 139-153.
- 4. Ertmer, P. A., Ottenbreit-Leftwich, A. T., Sadik, O., Sendurur Ertmer, P., & Sendurur Ertmer, G. (2008). Teacher beliefs and technology integration practices: A critical relationship. Computers & Education, 52(1), 141-152.
- 5. Honebein, P., Duffy, T., & Fishman, B. J. (2018). Constructivism revisited: Implications and reflections from current research. In Educational technology (pp. 123-143). Springer.
- 6. Khechine, H., Essalmi, F., Jemni, M., & Kinshuk (2016). Obstacles to the adoption of elearning at university level in developing countries: The case of Tunisia. International Journal of Information and Learning Technology, 33(2), 101-114.
- 7. Mayer, R.E. (2009). Multimedia Learning: Are We Asking the Right Questions? Educational Psychologist 34(2), 149-152.