MODERN DIGITAL EDUCATIONAL TECHNOLOGIES IN TEACHING LANGUAGES

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Annotation. The article focuses on the relevance and effectiveness of the use of modern digital educational technologies in teaching process. Various digital tools are being considered that can be used not only for teaching, but also for assessment, including LMS platforms for testing, document management, gamification, virtual labs, interactive whiteboards and digital laptops.

Keywords: Digital tools, digital educational technologies, LMS platforms, virtual labs, interactive whiteboards and digital laptops.

In today's fast-paced digital age, technology has become an integral part of our daily lives, and education is no exception. The advent of educational digital tools has brought about a paradigm shift in the traditional learning landscape, offering learners innovative solutions to enhance their learning experience. Gone are the days of passive learning, as these tools now empower learners to take charge of their education actively.

In Uzbekistan, there is an active implementation of digital technologies into the educational sphere as part of a large-scale modernization of the national education system. The State policy in this area is aimed at harmonization with international educational standards, which is reflected in key reform programs. Digital technologies are of particular importance as a catalyst for transformation not only in formal but also in non-formal education. A landmark event was the adoption of the Digital Uzbekistan 2030 strategy, which defines three key areas of development: creation of an electronic

management system, digitalization of the educational process. modernization of the digital infrastructure.[1]

The word "Digital Technology" is currently known widely because nowadays it relates to daily life in the society. Many educators define "Digital Technology" in various ways. First, "digital" comes from Latin which means one of the oldest tools for counting or calculating. It will have the process to be converted to the numbers. Another word is "technology." The meaning is the usage of microprocessors which relates to computers and applications. The applications need to depend on computers or technology devices such as video cameras, mobile phones, or the devices which are in the form of personal-digital assistants. Also, "Digital technology" can be used to access to cyberspace or the connection of digital audio or video and information communications technology to apply to various purposes effectively. Accordingly, Victory State Government defines "Digital Technology" as electronic tools or devices which generate, store or process data that link to social media, online games, multimedia and mobile phones. Digital tools can be defined as programs, websites, applications, and other internet and computerized resources that facilitate, enhance and execute digital processes and overall digitization efforts.[2]

Digital Technology also means the comprehensive skill and the skill for using technology which people use devices such as computers, mobile phone, tablet, program and social media online and get the most out of their benefits in terms of communication, working, and teamwork.[3] According to the definitions above, it can be concluded that digital technology is the skill of using digital tools through devices such as computers, mobile phones, tablet, to access social media or cyberspace in the specific purposes especially communication or cooperation.

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[1] Declaration PQ 6079 of the President of the Republic of Uzbekistan dated May 10, 2020 Digital Uzbekistan 2030 Strategy

[2] Digitalization of higher education using cloud computing: implications, risk, & challenges/ First edition. | Boca Raton, FL: C&Hall/CRC Press, 2022.

[3] Amin, M. R. (2019). The Role of Educational Technology in the ESL Classroom. Global Journal of Archeology & Anthropology, 11(1), 1-11.

It is obvious that digital learning resources are powerful tools that can be used to enhance the learning quality of learners in ways a textbook may not be able to, and though these digital resources have their perks, there are also things that traditional paper-based materials like textbooks allow learners to experience that digitalized materials for learning. Whether it be the traditional paper-based material or digitalized materials, each resource has its strengths and weaknesses when it comes to enhancing the quality of learner education.

The effectiveness of any technological advancement can only be beneficial if it is used correctly so that it may serve its original purpose. The same notion applies to the development of different digital resources. While they come in various forms serving different educational purposes, all-digital learning resources hold the potential to enhance the learning comprehension, learning quality, and overall content retention of the learner. The manner they are used and implemented allows for conclusions to be made regarding their effectiveness. The effectiveness of textbooks as a learning resource for learners is actually one of the most discussed amongst most because of how traditional paperback textbooks have always served as a greater source of reference for digital learning resources. [4]

There are many different digital technologies, which help automate learning, track student progress, and provide flexible access to knowledge. And also, include such services as Video conferencing, Digital exam assessment tools, Data exchange and cloud systems, Document collaboration tools, Game-based learning tools, The digital library and database, Virtual and remote laboratory tools, Digital whiteboard devices, Digital notebooks

Next, we will analyze of the different learning management systems that learners have equal rights to use. Learning management systems are tools that support the management of educational courses. They are also known as virtual learning environments. Most notably, they are known as the primary tools for distance learning. They can also be used as a teaching tool to supplement traditional face-to-face teaching.

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[4] Li, X. (2021). Textbook Digitization: A Case Study of English Textbooks in China. English Language Teaching, 14(4), 34.

A learning management system allows teachers to provide digital learning content that learners can access at any time via the Internet. This allows learners to return to the International Journal of Advanced Natural Sciences and Engineering Researches many learning material in case of difficulties. For learners who can easily cope with the workload, it provides more in-depth information about the course material. Tutors usually have dashboards to monitor progress and get an overview of the progress of all learners. Some systems also offer the possibility to create courses for external people; so-called mass open online courses. These are designed to make learning content and knowledge available to the general public. Mass means accessible to a large number of people, while open means free and public access to online courses. This learning content is available on the platform in different forms, such as recorded learning videos, problem sets and public forums. These forums aim to encourage collaboration and communication where people can support each other's learning process. [5]

Some examples of such a learning platform are Moodle, Google Classroom, Blackboard Learn, Canvas, Edmodo. Local uzbek and government platforms in Uzbekistan: ZiyoNet, Kundalik, UzEdPort. Specialized platforms for additional education: Coursera, edX, Open edX.

1. **Moodle** is one of the most widespread open platforms that supports course creation, testing, and interaction between teachers and students.

2. **Google Classroom** is a convenient tool for organizing distance learning, integrated with Google services (Docs, Drive, Meet).

3. **Blackboard Learn** is a powerful system for universities that includes academic performance analytics, virtual classrooms, and multimedia materials.

4. **Canvas** is an intuitive platform with support for mobile learning and integration with Zoom, Microsoft Teams.

5. **Edmodo** is an LMS–like social educational network with functions for sharing assignments and grades.

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[5] Staff Writers. (2021, July 27). Synchronous Learning vs. Asynchronous Learning: What's the DifferenceBestColleges.Com. Retrieved November 17, 2021, from https://www.bestcolleges.com/blog/synchronous-vs-asynchronous/

6. **ZiyoNET** is a national educational network providing access to electronic resources, scientific databases and online courses.

7. **UzEdPort** (under development) is the expected state LMS for schools and universities as part of the digital education strategy.

8. **Kundalik** is an electronic journal and diary system used in schools to manage the learning process.

9. **Coursera, edX** – used by Uzbek universities to access international MOOC courses.

10. **Open edX** is an open platform on which you can create your own courses (for example, UniCampus in Uzbekistan).

The use of learning management Systems (LMS) has become an integral part of the modern educational process, corporate training and professional development. These platforms provide extensive opportunities for organizing, monitoring, and analyzing learning activities, making learning more flexible, accessible, and personalized. Among the key advantages of LMS are automation of routine tasks, convenience of interaction between teachers and students, as well as the ability to adapt content to individual needs. In addition, the integration of multimedia materials and analytical tools significantly increases the engagement and effectiveness of learning.

References

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