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O‘ZBEKISTON OLIY TA’LIM MASSASALARIDA RAQAMLI TEXNOLOGIYALARNI TADBIQ QILISh BILAN BOG‘LIQ MUAMMOLAR

ПРОБЛЕМЫ, СВЯЗАННЫЕ С ВНЕДРЕНИЕМ ЦИФРОВЫХ ТЕХНОЛОГИЙ В ВУЗЫ УЗБЕКИСТАНА

PROBLEMS ASSOCIATED WITH THE IMPLEMENTATION OF DIGITAL TECHNOLOGY IN UZBEKISTAN'S HIGHER EDUCATION INSTITUTIONS

Annotatsiya: *So‘nggi yillarda raqamli texnologiyalarning joriy etilishi tufayli butun dunyo bo‘ylab oliy ta'lim manzarasi jiddiy o‘zgarishlarni boshdan kechirdi. O‘zbekiston ushbu global tendentsiyaga moslashish muhimligini tan oladi va o‘zining oliy ta’lim muassasalarida raqamli texnologiyalarni joriy etishga astoydil intilmoqda. Ushbu tezisning maqsadi O‘zbekiston oliy ta’lim tizimida raqamli texnologiyalar integratsiyasining mavjud holatini baholash va kelajakdagi ehtimoliy tendentsiyalarni bashorat qilishdan iborat.*

Kalit so‘zlar: *Raqamli texnologiyalarni joriy etish, jahon oliy ta’lim muhitidagi o‘zgarishlar, oliy ta’limdagi global tendensiyalar, oliy ta’lim muassasalarida raqamli transformatsiya, raqamli texnologiyalarni joriy etishning hozirgi holatini o‘rganish, O‘zbekiston oliy ta’lim muassasalaridagi muvaffaqiyat va muammolar, integratsiyadagi yetakchilik salohiyati. raqamli texnologiyalar, qiyinchiliklarni bartaraf etish va kelajakdagi imkoniyatlardan foydalanish*

Аннотация: *Из-за внедрения цифровых технологий в последние годы мировая среда высшего образования претерпела существенные изменения. Узбекистан признает важность соответствия этой глобальной тенденции и активно добивается внедрения цифровых технологий в своих высших учебных заведениях. Целью данной диссертационной работы является оценка текущего состояния интеграции цифровых технологий в системе высшего образования Узбекистана и прогнозирование возможных будущих тенденций.*

Ключевые слова: *Внедрение цифровых технологий,изменения в мировой среде высшего образования,глобальные тенденции в высшем образовании, цифровая трансформация в высших учебных заведениях, изучение текущего состояния внедрения цифровых технологий,успехи и проблемы в высших учебных заведениях Узбекистана, лидерский потенциал в интеграции цифровых технологий, устранение трудностей и использование будущих возможностей.*

Abstract: *Because of the incorporation of digital technologies in recent years, the worldwide landscape of higher education has experienced substantial modifications. Uzbekistan acknowledges the significance of aligning with this global trend and is aggressively seeking digital technology deployment in its higher education institutions. The purpose of this thesis is to evaluate the existing status of digital technology integration in Uzbekistan's higher education system and to forecast probable future trends.*

Keywords: *Incorporation of digital technology,changes in the worldwide higher education environment,global trends in higher education, digital transformation in higher education institutions, examination of the current state of digital technology implementation,successes and challenges in Uzbekistan's higher education institutions, leadership potential in the integration of digital technology,fixing difficulties and capitalizing on future opportunities*

Introduction:

The incorporation of digital technology has resulted in significant changes in the worldwide higher education environment in recent years. Uzbekistan acknowledges the necessity of keeping up with this worldwide trend and is aggressively pursuing the use of digital technology in its higher education institutions. The purpose of this thesis is to examine the current level of digital technology implementation in Uzbekistan's higher education system and to speculate on probable future directions.

Section 1: Current Status Description:

As the beginning of the work of Uzbekistan's higher education institutions in the application of digital technologies to their educational systems, our country's President issued a "Addendum on the Fundamental Improvement of Legal Education and Science in the Republic of Uzbekistan" on April 29, 2020. The "Decree on Measures" sets the priorities for the ongoing development of legal education and science, including the adoption of the "Electronic University" (E-University) system, which is open, transparent, subjective, and abuse-prone.[1] The task of developing a possession-free educational atmosphere is underlined. It is now simpler to improve educational processes and receive scientific knowledge by using the "Moodle" system (an object-oriented dynamic learning environment), the Hemis information system, the "Zoom" software tool, online resources, and digital educational platforms. To assist this, colleges have integrated online classes, interactive multimedia resources, and virtual labs. In this part, concrete instances are offered to demonstrate successful projects, and the dedication of Uzbekistan's higher education institutions to digital transformation is shown.

Section 1.1: Training Management System Integration

The integration of Learning Management Systems was used to implement the initial portion of the existing situation. Integration of Learning Management Systems has enabled institutions to offer classes, enhance communication between students and teachers, and serve as a local resource hub for educational resources. The efficiency

[1] *(*2-modda *O‘zbekiston Respublikasining 2021-yil 21-apreldagi O‘RQ-683-sonli* Qonuni *tahririda — Qonunchilik ma’lumotlari milliy bazasi, 21.04.2021-y., 03/21/683/0375-son)*

improvements associated with OBT integration have improved students' overall learning experience.[2]

Section 1.2: Multimedia and Online Resources

Students now have access to extra study materials thanks to the availability of internet resources and multimedia assets. All of our republic's higher education institutions and public libraries have been digitized, and e-books and interactive multimedia features provide pupils with a choice of knowledge sources. Higher education institutions in Uzbekistan realize the necessity of servicing multiple learning styles, and the incorporation of these tools proves their commitment to inclusive education.

Section 2: Obstacles encountered:

When progress is made, there are no issues with introducing digital technology into Uzbekistan's higher education system. Addressing these concerns is critical to preserving the status quo.

Section 2.1: Inadequate Infrastructure

One of the first issues is the implementation of high-tech infrastructure. Professors' training and professional growth, problems connecting to a high-speed Internet network, and old-fashioned equipment

The willingness of professors and instructors to adapt to new teaching approaches is critical to the successful adoption of digital technology. Higher education development programs and training activities are critical for providing instructors with the skills they need to function effectively on digital platforms. Closing the digital literacy gap among educators is essential for the long-term incorporation of technology in higher education.

Section 3: Prospects for the Future:

Despite the challenges, the future of digital technology in Uzbekistan's higher education institutions seems optimistic. A continuing commitment to the development

[2] Abruraxmonova Maftuna Sharof qizi//TA`LIM SIFATINI NAZORAT ETISH HAMDA PROFESSIONAL TA`LIMNI BOSHQARISH MASALALARI//EURASIAN JOURNAL OF ACADEMIC RESEARCH

of technology infrastructure and educational reform creates the framework for dramatic achievements.

Section 3.1: Improved Accessibility

Increased access to digital educational resources will become a reality as Uzbekistan continues to invest in technology infrastructure. This will offer students across the country, even those in distant locations, with access to high-quality education and promote a more inclusive learning environment.

Section 3.2: Improved Collaboration and Global Connectivity

IT Park and Coursera have formed a cooperation to educate students with deeper and more affordable digital knowledge.[3] The use of digital technology opens the door to increased collaboration among students, professors, and institutions. Online forums, virtual collaboration tools, and multinational collaboration all contribute to a globalized educational scene. Higher education institutions in Uzbekistan can interact with worldwide peers via digital platforms, boosting information sharing and cross-cultural learning experiences.[4]

Section 3.3: Better Learning Outcomes

Strategic digital technology adoption has the potential to greatly improve educational results. Flexible learning platforms, data analytics, and tailored learning experiences address students' particular requirements, allowing for a more effective and individualized learning journey. Continuous monitoring of student development using digital technologies allows for prompt intervention and support.

Summary:

Finally, an examination of the current state of digital technology implementation in Uzbekistan's higher education institutions indicates both success and challenges. Uzbekistan has the chance to demonstrate its leadership in the integration of digital technology in higher education by fixing difficulties and capitalizing on future

[3] O‘zbekiston Respublikasi Raqamli texnologiyalar vazirligi axborot xizmati. 17.05.2021
[4] Sayyora Abdulhakovna Zakirova//CHALLENGES AND PROSPECTS IN ART HIGHER EDUCATION OF UZBEKISTAN AND ROMANIA//European Journal of Research and Reflection in Educational Sciences

opportunities. Collaboration between educational institutions, government agencies, and industry partners will be vital to bringing this goal to fruition.

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Sayyora Abdulhakovna Zakirova//CHALLENGES AND PROSPECTS IN ART HIGHER EDUCATION OF UZBEKISTAN AND ROMANIA//European Journal of Research and Reflection in Educational Sciences