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**“Improving the use of modern information and communication technologies
in the organization of the educational process”**

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Master written for an academic degree

DISSERTATION

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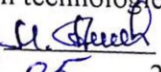
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Annotation

In this master's thesis, the digitization of the educational management process, the implementation of online reviews of their quality indicators through the hemis.uz platform, the existing problems in the use of modern information and communication technologies, their analysis, ways to eliminate the causes of their origin and future perspectives were studied on the example of Tashkent State University of Economics, and by developing appropriate recommendations, it is possible to eliminate excessive economic costs and create conveniences in controlling the quality of education.

Annotatsiya

Ushbu magistrlik dissertatsiyasida ta'lim boshqaruv jarayonini raqamlashtirish, ularning sifat ko'rsatkichlarini baholashning onlayn ko'rinshlarini hemis.uz platformasi orqali amalga oshirish, zamonaviy axborot-kommunikatsiya texnologiyalaridan foydalanishdagi mavjud muammolar, ularning tahlillari, kelib chiqish sabablarini bartaraf etish yo'llari va kelajakdagi istiqbollari Toshkent davlat iqtisodiyot universiteti misolida o'rganildi va tegishli tavsiyalar ishlab chiqish orqali ta'lim sifatini nazorat qilishda ortiqcha iqtisodiy sarf harajatlarni bartaraf etish, hamda qulayliklar yaratish mumkin.

Аннотация

В данной магистерской диссертации рассмотрены вопросы цифровизации процесса управления образованием, внедрение онлайн-расписания с использованием эффективных программных продуктов через платформу hemis.uz, анализ существующих проблем в использовании современных информационно-коммуникационных технологий, и пути устранения причин их происхождения и перспективы на будущее на примере Ташкентского государственного экономического университета. Предложены пути совершенствования процесса составления расписания в высших учебных заведениях.

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INTRODUCTION

Justification of the topic of the dissertation and its relevance. Currently, the use of information systems in higher education institutions is not unusual. A number of their applications range from personal work automation to fully automating university operations. Today, in the context of the reform of the concept of higher education, the task of university management, despite being very problematic, occupies an important place. Regardless of the object of automation, whether it is a pedagogical structure or a university administration, such systems are implemented in an educational institution in order to achieve the ultimate goals - to improve the quality of education and optimize the educational process.

In the Address of the President of the Republic of Uzbekistan Shavkat Mirziyoyev to the Oliy Majlis, the following was noted: "In order to create ample conditions for our talented sons and daughters to master high technologies and knowledge in depth, and to prepare a new generation of competitive national personnel, a new modern we will establish a university. Leading scientists and professors from abroad are involved in this university, and young people are educated on the basis of the most modern programs.

We need to strengthen relations with prestigious foreign universities, scientific and innovative centers, and expand cooperation with them on personnel training. In this regard, next year, the number of young people who will be sent to master's and doctorate courses of leading foreign higher education institutions through the "El-Yurt Umid" fund will be increased by 5 times. Through this program, for the first time, we will send 100 of our boys and girls abroad for