

MUHANDISLIK

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fan va ta'limga oid ilmiy-amaliy jurnal

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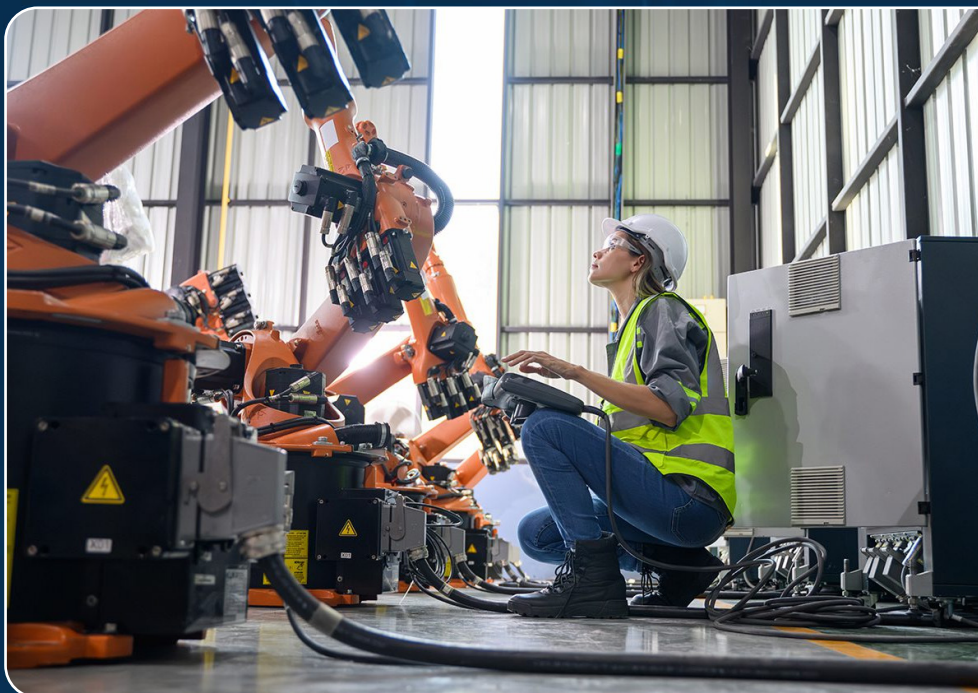


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08.00.00 – Iqtisodiyot fanlar



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ИМЕНИ Г.В. ПЛЕХАНОВА
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- 05.01.01 – Muhandislik geometriyasi va kompyuter grafikasi. Audio va video texnologiyalari
- 05.01.02 – Tizimli tahlil, boshqaruv va axborotni qayta ishlash
- 05.01.03 – Informatikaning nazariy asoslari
- 05.01.04 – Hisoblash mashinalari, majmualari va kompyuter tarmoqlarining matematik va dasturiy ta'minoti
- 05.01.05 – Axborotlarni himoyalash usullari va tizimlari. Axborot xavfsizligi
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- 05.01.07 – Matematik modellash
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- 05.02.08 – Yer usti majmualari va uchish apparatlari
- 05.03.02 – Metrologiya va metrologiya ta'minoti
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- 05.05.06 – Qayta tiklanadigan energiya turlari asosidagi energiya qurilmalari
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- 08.00.16 – Raqamli iqtisodiyot va xalqaro raqamli integratsiya
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Ma'lumot uchun, OAK

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UZBEKISTAN'S HIGHER EDUCATION SYSTEM STRENGTHENS ITS POSITION ON THE INTERNATIONAL STAGE

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Abstract. The higher education of Uzbekistan is undergoing a transformative phase grounded in strategic reforms towards enhancing international recognition, quality of studies, and institutional autonomy. The country's initiatives towards positioning its universities based on global best practices have resulted in increased foreign student admissions, expansion of universities, and participation in worldwide rankings such as QS and THE. One of the key factors of this development is the decentralization of higher education governance, which has granted universities increased academic and financial independence, enabling them to form closer international linkages, access foreign capital, and improve the quality of education.

Besides, Uzbekistan is carrying out the merger of universities to make the most of resources, consolidate research potential, and ensure international competitiveness, building its methods on successful experience in France and South Korea. Furthermore, the nation is emerging as a centre of higher education in Central Asia by actively engaging in international scientific forums, summits, and educational exhibitions. These efforts not only strengthen Uzbekistan's brand of education but also help foster academic diplomacy and international knowledge exchange.

While Uzbekistan has made great strides, in order to maintain this momentum, the policy further needs to be refined, more investment in research and innovation needs to be made, and institutional independence enhanced. With challenges being resolved and opportunities emerging on the horizon, Uzbekistan will be a highly regarded regional and international leader in higher education.

Keywords: Higher education reform in Uzbekistan, university rankings, academic autonomy, financial autonomy, international collaboration, university consolidation, decentralisation, Central Asia, research and innovation.

Annotatsiya. O'zbekistonda oliy ta'lim tizimi xalqaro e'tirofni oshirish, ta'lim sifati va institusional mustaqillikni kuchaytirishga qaratilgan strategik islohotlar asosida jadal transformatsiya bosqichini boshdan kechirmoqda. Jahon ilg'or tajribalariga moslashish yo'lida amalga oshirilayotgan tashabbuslar xorijiy talabalar sonining ko'payishiga, oliy ta'lim muassasalarining kengayishi va birlashuviga, shuningdek, QS va THE kabi nufuzli xalqaro reytinglarda ishtirok etishga zamin yaratdi. Ushbu jarayonning muhim omillaridan biri oliy ta'lim boshqaruvida desentralizatsiyaning kuchaytirilishi bo'lib, bu universitetlarga akademik va moliyaviy mustaqillik berib, xalqaro hamkorlikni rivojlantirish, xorijiy investitsiyalarni jalb qilish hamda ta'lim sifatini oshirish imkonini bermoqda.

Bundan tashqari, O'zbekistonda resurslardan samarali foydalanish, ilmiy salohiyatni birlashtirish va xalqaro raqobatbardoshlikni oshirish maqsadida oliy ta'lim muassasalarini birlashtirish jarayonlari amalga oshirilmoqda. Ushbu yondashuv Fransiya va Janubiy Koreya kabi davlatlarning muvaffaqiyatli tajribalariga asoslanadi. Shuningdek, mamlakat Markaziy Osiyoda oliy ta'lim markaziga aylanish yo'lida xalqaro ilmiy forumlar, sammitlar va ta'lim ko'rgazmalarida faol ishtirok etmoqda. Bu sa'y-harakatlar O'zbekiston oliy ta'lim brendini mustahkamlash bilan birga, akademik diplomatiya va xalqaro bilim almashinuvini rivojlantirishga xizmat qilmoqda.

Erishilgan yutuqlarga qaramay, ushbu islohotlar sur'atini saqlab qolish uchun oliy ta'lim siyosatini yanada takomillashtirish, ilmiy tadqiqotlar va innovatsiyalarga investitsiyalarni oshirish hamda institusional mustaqillikni chuqurlashtirish zarur. Mavjud muammolarni hal etish va yangi imkoniyatlardan samarali foydalanish O'zbekistonga oliy ta'lim sohasida mintaqaviy va xalqaro miqyosda yetakchi o'rinni egallash imkonini beradi.

Kalit so'zlar: O'zbekistonda oliy ta'lim islohotlari, universitet reytinglari, akademik mustaqillik, moliyaviy mustaqillik, xalqaro hamkorlik, universitetlarni birlashtirish, desentralizatsiya, Markaziy Osiyo, ilmiy tadqiqotlar va innovatsiyalar.



Аннотация. Система высшего образования Узбекистана находится на этапе глубокой трансформации, основанной на стратегических реформах, направленных на повышение международного признания, качества образования и институциональной автономии. Инициативы по приведению университетов в соответствие с мировыми стандартами способствовали росту числа иностранных студентов, расширению и объединению высших учебных заведений, а также участию страны в глобальных рейтингах университетов, таких как QS и THE. Одним из ключевых факторов этих преобразований стала децентрализация управления высшим образованием, обеспечившая университетам большую академическую и финансовую самостоятельность, что позволило укрепить международные связи, привлечь иностранный капитал и повысить качество образовательного процесса.

Кроме того, в Узбекистане реализуется политика объединения университетов с целью более эффективного использования ресурсов, консолидации научного потенциала и повышения международной конкурентоспособности, основанная на успешном опыте Франции и Южной Кореи. Страна также формируется как региональный центр высшего образования в Центральной Азии, активно участвуя в международных научных форумах, саммитах и образовательных выставках. Эти меры способствуют укреплению образовательного бренда Узбекистана, развитию академической дипломатии и международного обмена знаниями.

Несмотря на достигнутый прогресс, для сохранения положительной динамики необходимо дальнейшее совершенствование государственной политики, увеличение инвестиций в научные исследования и инновации, а также углубление институциональной автономии. Решение существующих проблем и эффективное использование новых возможностей позволят Узбекистану занять достойное место среди региональных и международных лидеров в сфере высшего образования.

Ключевые слова: реформы высшего образования в Узбекистане, рейтинги университетов, академическая автономия, финансовая автономия, международное сотрудничество, объединение университетов, децентрализация, Центральная Азия, научные исследования и инновации.

INTRODUCTION

The higher education system plays a significant role in the economic development of any nation. It acts as a source of innovation, human capital formation, and global competitiveness. In Uzbekistan, the higher education system has historically faced structural challenges, including low internationalization levels, limited academic and financial autonomy, and outdated governance models, which hindered its ability to fully contribute to the country's economic growth. Meanwhile in Kazakhstan, higher education universities have undergone radical reforms with a strong focus on academic autonomy, internationalization, and research excellence, which has led to improved global rankings and increased collaboration with leading universities worldwide. For example: in the QS World University Rankings 2025, 12 universities of Kazakhstan have secured positions within the best 1000 global universities (QS Top Universities, 2025).

REVIEW OF LITERATURE ON THE SUBJECT

Uzbekistan's population is mainly youth and there is a high demand in higher education within the country. Even though there are a big number of universities in Uzbekistan there is still need for studying abroad, including in neighboring states. It is believed that Uzbekistan has become third largest nation for students studying abroad (Mitchell, 2024). Author argues that Uzbekistan aims to improve its system by widening access to higher education, quality assurance and TNE. Khasanov (2023) believes that Uzbekistan has initiated a chain of reforms related to granting state universities a greater autonomy, which gives academic department and faculties right to make decision based on local needs and priorities.

Enrollment rate has been increasing year by year from 571,000 in 2021 to 1,167,868 in 2023 and numbers are still increasing. To meet this huge demand the number of universities increased from 77 in 2017 to more than 210 in 2024. Even though a number of new universities (both public and private) were established there is still demand for studying abroad particularly to neighbor countries (Mitchell, 2024).

Vakhobova (2024) argues that internationalization plays significant role in producing a skilled workforce, fostering innovation and attracting foreign investments. Which in turn leads to economic growth and greater integration of Uzbekistan's economy into global arena. However, Ubaydullaeva (2023) believes that despite economic and other benefits, historically Uzbekistan's higher education system was cautious about internationalization due to promotion of national ideology. Since the approach to higher education was about preserving cultural identity.

RESEARCH METHODOLOGY

Three principal components constitute analysis of the higher education reforms in Uzbekistan. The paper critically analyses official policies, legislation, and regulatory decrees to determine their impact on the sector's development. Data analysis is concerned with collecting and analyzing statistical indicators, such as the number of universities established in recent years, number of internationally accredited universities, global ranking entrants, which provide an unambiguous picture of trends in the system. Comparative assessment looks into the reforms in Uzbekistan based on international good practice and compiles different aspects of reforms within the country to find strengths, weaknesses, opportunities, and challenges. Limitation of the methodology includes the fact that university mergers happened short period before the research. Therefore, it might be slightly early to draw a conclusion whether it was effective or not.

ANALYSIS AND RESULTS

In recent years, Uzbekistan's higher education system has demonstrated remarkable progress on the global stage. Uzbek universities are now actively competing in international rankings, including QS, THE, UI GreenMetric, and Webometrics. The increasing recognition and position of Uzbek universities in subject, thematic and regional rankings highlight their growing global influence. In 2025, three Uzbek universities entered global university rankings for the first time, a milestone reflecting the country's commitment to academic excellence. The National Research University "Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" (TIAME) secured the 469th position, National University of Uzbekistan named after Mirzo Ulugbek (NUUZ) took 721-730 place and Tashkent State Technical University took 901-950 place in the "QS World University Rankings 2026" (QS Top Universities, 2025).

Another notable achievement of 2024 was the international accreditation of 39 educational programs of universities, confirming their compliance with global education standards. These successes did not happen by chance, it is the outcome of a chain of large-scale reforms: ensuring the transparency of admission process, improving the quality of the education, and the special attention of the President of the Republic of Uzbekistan to the education sphere. The adoption of integrated legislation has further strengthened these successes.

One of the critical factors contributing to this global recognition is decentralization within the higher education system, which grants universities financial and academic independence. This change in policy enables institutions to manage their resources more effectively, boosting innovation and adaptability to new trends within academia worldwide. Experts in higher education highlight that autonomy is critical for universities to become more globally competitive. However, decentralization of higher education is currently limited by the fact that government still fully regulates the quota allocation and selection process.

Moreover, financial freedom of Uzbek universities enabled them to invest more in marketing of their services. For instance, Uzbek universities are actively taking part in global forums and congresses, which frequently present their success through exclusive national pavilions. Apart from strengthening the educational brand of the country, these interactions provide opportunities for exchanging knowledge and good practices. Further, organizing important forums in the country indicates that Uzbekistan has become a force to be reckoned with on the regional higher education map. Participation in the prestigious events organized by QS and THE is a key in creation of positive image of Uzbek universities in global arena.

Emulated by developed nations, Uzbekistan has come on board to consolidate its universities in order to optimize resources and enhance the quality of education. An example is the consolidation of various universities across various areas into integrated institutions that are well placed to counter contemporary academic and industrial requirements (Table 1).

Table 1: Examples of university mergers in Uzbekistan

No	Newly established university	Base institution
1.	Tashkent State University of Economics	Tashkent State University of Economics
2.		Tashkent Financial Institute
3.		Fiscal Institute
4.	Bukhara State Technical University	Bukhara Engineering-Technological Institute
5.		Bukhara Institute of Natural Resources Management
6.	Namangan State Technical University	Namangan Engineering-Technological Institute
7.		Namangan Engineering-Construction Institute
8.		Namangan Institute of Textile Industry



9. 10.	Nukus State Technical University	Nukus Mining Institute under Navoi State University of Mining and Technology
		Nukus Branch of Tashkent University of Information Technologies
11. 12.	Fergana State Technical University	Fergana Polytechnic Institute
		Fergana Branch of Tashkent University of Information Technologies
13. 14. 15.	Kokand State University	Kokand State Pedagogical Institute
		Kokand Branch of Tashkent State Technical University
		Fergana Regional Branch of the Uzbekistan State Institute of Arts and Culture
16. 17. 18. 19.	Karshi State Technical University	Karshi Engineering-Economics Institute
		Karshi Institute of Irrigation and Agro-Technologies
		Karshi Branch of Tashkent University of Information Technologies named after Muhammad al-Khwarizmi
		Shakhrisabz Branch of Tashkent Institute of Chemical Technology
20. 21.	Termiz State University of Engineering and Agro-Technologies	Termiz Institute of Engineering and Technology
		Termiz Institute of Agro-Technologies and Innovative Development.
22.	Andijan State Technical Institute	Andijan Institute of Economics and Construction
		Andijan Faculty of Tashkent Institute of Textile and Light Industry
		Andijan Machine Building Institute

The strategy is drawn from excellent models taken by nations whose university consolidation has enhanced research capability and academic performance. The successful mergers of French universities, such as the formation of Paris-Saclay University, have enhanced their global rankings, with Paris-Saclay achieving a position of 64th in the latest Times Higher Education rankings (Dixon, 2025). Similarly, South Korean universities are pursuing mergers to address declining enrollments and financial pressures, aiming to strengthen their competitiveness and sustainability (British Council, 2023).

Additionally, Uzbekistan is positioning itself as a hub for central Asian higher education. Organization of a large number of regional and international forums, conferences and other events on the territory of the republic serves as an excellent evidence for abovementioned factor. Events such as “Central Asia as the next center of higher education” as well as “Central Asia Universities Forum” co-organized with Times Higher Education is believed to be fundamental in country’s attempts in becoming regional leaders in higher education. These events have enhanced academic diplomacy, fostered knowledge exchange, and attracted world-class universities and researchers to collaborate with Uzbek institutions.

Moreover, Uzbekistan’s universities have strengthened global partnerships by participating in international forums, congresses, and academic summits. By the initiative of the Ministry of Higher Education, Science and Innovations of Uzbekistan a dedicated national pavilion was established at major global education exhibitions organized by QS and THE ranking agencies. It is believed that it further solidifies the presence of Uzbekistan’s universities on the international stage.

CONCLUSIONS AND SUGGESTIONS

Taking into consideration of all factors mentioned above we may reach the conclusion that the combination of regulatory reforms, academic autonomy, international accreditation, and global engagement has strengthened Uzbekistan’s position in the international higher education landscape. Moving forward, Uzbekistan aims to further expand global collaborations, enhance research capabilities, and continue its upward trajectory in international rankings.

The higher education sector in Uzbekistan is undergoing a period of transformation, which is supported by strategic reforms aimed at upgrading international recognition, academic quality, and institutional autonomy. The nation’s commitment to aligning its universities with international best practices has resulted in the arrival of foreign students, growth of universities, and increased ranking participation in global rankings such as QS and THE. Accreditation of study programs with success and entry of Uzbek universities into the global rankings is the result of this way.



A substantial contributor to this success is the progressive decentralization of the administration of higher education, which has freed institutions to obtain greater academic and financial autonomy. This development has empowered universities to achieve broader international co-operation, receive foreign capital, and improve teaching quality. Yet, there are still challenges, including the full attainment of autonomy, as government regulation still influences core areas such as enrollment quotas and selection.

The other crucial strategy is consolidation of universities with the aim of optimizing resources, enhancing research potential, and being competitive. With international best practice such as the French and South Korean university consolidations, Uzbekistan is aspiring to create stronger, research-oriented institutions that compete internationally.

Besides, Uzbekistan is positioning itself as a Central Asian higher education regional hub through actively hosting and participating in major academic forums, summits, and global education exhibitions. These initiatives not only are strengthening Uzbekistan's education brand but also constructing academic diplomacy and knowledge exchange with the world's leading institutions.

It is advised for the government to reduce control on enrollment quotas and selection process and continue to provide the universities with greater academic and financial autonomy. The policy change enables universities to organize selection process on their own, invest more in research and development, attract international staff and students.

Additionally, the policy on university consolidations should be continued. However, merged universities should have a clear short, middle and long-term strategies in order to maximize the impact of the reform

In conclusion, while Uzbekistan has made an amazing amount of progress, to sustain this trend requires continued improvement in policy, more investment in research and innovation, and more autonomy for universities. By seizing present challenges and surfing on rising opportunities, Uzbekistan is ready to become a respected regional and international leader in higher education.

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