

Article

Modern Education System – Dual Education

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Abstract: This article highlights ongoing reforms and achievements in the higher education system, with a focus on the advancements and significance of dual education in enhancing educational quality.

Keywords: Higher education, science, production, education quality, dual education, investment, innovation.

1. Introduction

Higher education is a critical link in the development of any nation. Since specialists are trained for public and private sectors, the progress of these industries is directly tied to the competence of professionals. Recognizing this, the 2030 Development Concept for the higher education system is being implemented in Uzbekistan.

The "New Uzbekistan Development Strategy" for 2022–2026 also places special emphasis on reforms in the higher education system. Goal 46 of this strategy aims to increase higher education coverage to 50%, improve education quality, align enrollment parameters with employer demands, and introduce a system where higher education institutions independently determine admission quotas for contract-based education.

These efforts are expected to yield significant results not only for the education sector but also for other key industries that drive national development.

The Eastern philosopher Confucius once said, *"Ignorance is the darkest night for humanity."* Indeed, knowledge and education are the golden keys to success. Proper and systematic organization of the educational process depends directly on the education system, particularly on the reforms being implemented in higher education.

Knowledge is the cornerstone of progress. As stated in a hadith: *"Be a scholar, a student, a listener, or a lover of knowledge and scholars."* Such encouragement inspires all of us to pursue education and value learned individuals. Any place rich in knowledge and enlightenment is considered a land of happiness. Our esteemed President has frequently emphasized that the Third Renaissance can only be achieved through profound knowledge and critical thinking. Therefore, nurturing well-educated and competent individuals at every stage of continuous education is our primary duty as intellectuals.

2. Materials and Methods

Recent and Ongoing Innovations in the System

The number of higher education institutions in Uzbekistan has approached 200, significantly increasing the coverage of youth in higher education. These reforms are opening new doors of opportunity. Since 2021, the credit-modular system has been fully

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implemented in higher education institutions. This integration represents a major step toward aligning Uzbekistan's higher education with global standards. E-learning is also being widely introduced.

Currently, around 40,000 professors and educators are working in higher education institutions. This academic year, 4,582 young people with language certification were admitted to master's degree programs. These young individuals will serve as a vital reserve of pedagogical staff for higher education institutions. Significant efforts have been made to enhance the status of professors and educators, improving their societal recognition.

One of the most significant changes in recent years in Uzbekistan's higher education system is the introduction of the dual education system. Dual education enables young specialists to gain valuable experience and numerous professional skills in a short period while simultaneously achieving academic qualifications and occupational competencies

2. Results

The dual education model holds great importance in Germany's labor market. A survey conducted by the Cologne Institute for Economic Research revealed that higher education graduates often struggle to apply theoretical knowledge in practice. This has underscored the need to strengthen the integration of education and industrial enterprises. European countries have carried out several successful reforms in this regard.

In Germany, the dual education system has been successfully implemented for over 50 years. This system has also been adopted in other European countries, as well as in China, Indonesia, Colombia, Ecuador, and Peru. The advantages of practice-oriented education have been highlighted by the German Federal Ministry for Economic Cooperation and Development, which has initiated innovative choices for vocational education projects worldwide.

3. Discussion

The dual education program combines theoretical and practical components, focusing on professional competencies and qualifications. Specifically, its practical aspect is carried out in production facilities or organizations. The "Dual Education Program" encompasses a set of regulatory documents, including educational standards, qualification requirements, curricula, modular programs, and plans for academic and production training aimed at equipping graduates with the necessary professional skills in a particular field.

4. Conclusion

Improving quality of education is another important factor of consideration because HEIs graduates need to fit in different sectors of the economy. As a result of the following considerations, there is a desire to improve educational standards in the following areas. That is, it is now much easier to advance legal and regulate academic promotion, which has a clearly positive impact on the curricula. The educational system has now become concentrated on distinct areas, although the learner was supposed to undertake a maximum of 180 credit hours in four years, and the current educational system only demands the required minimum level of proficiency in the particular subjects and ask for 240 credits over four years instead. Furthermore, it is important to know more about the attempted to reduce the administrative load of

programmers on educators. Since most of the administrative activities have been standardized to work online and the external environment has embraced this change, the instructors are now in a better position to teach. These measures should also afford to give greater quality of education that should improve on academic achievement to prepare students for working environment.

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