

# ISSUES OF ENSURING THE INTEGRATION OF SCIENCE-EDUCATION-PRODUCTION AND DEVELOPING DUAL EDUCATION IN THE VOCATIONAL EDUCATION SYSTEM

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## Abstract

The legal foundations of the vocational education system and the importance of dual education based on the organic integration of dual education with production in organizing educational processes are highlighted.

**Keywords:** Vocational education, dual education, advantages of dual education, the importance of dual education in organizing and managing educational processes.

## Introduction

It is well known that countries that have paid great attention to the education process are today among the developed nations. Consequently, if we look at history, the issue of personnel is considered the main figure in a country's economic and social development. Therefore, a number of reforms are also being carried out in this regard in Uzbekistan.

Today, as a link in the continuous education system, the issue of forming professional education and vocational competencies in students, and organizing and managing the educational process in vocational education institutions has become one of the most pressing issues.

Various studies are being conducted on studying the experiences of different developed countries, adapting and implementing their positive aspects into the educational process, taking into account our national values and traditions.

The Decree of our President Sh.M. Mirziyoyev No. PF-5812 of September 6, 2019, "On Additional Measures to Further Improve the Vocational Education System", Resolution No. 466 of the Cabinet of Ministers of the Republic of Uzbekistan of August 7, 2020, "On Approval of Regulatory Legal Documents Regulating the Continuous Initial, Secondary and Secondary Special, Vocational Education System in the Republic of Uzbekistan", Resolution No. 394 of the Cabinet of Ministers of the Republic of Uzbekistan of May 13, 2019, "On Measures to Improve the System of Vocational Training of Qualified Personnel Highly Demanded in the



Labor Market," the Law of the Republic of Uzbekistan "On Education" No. 637, approved on September 23, 2020, as well as other regulatory legal documents related to this activity, are the legal bases for improving the organization and management of educational processes [1; 2; 3]. Within the framework of the project "Supporting the Reform and Modernization Processes of the Vocational Education System in Uzbekistan", implemented in cooperation with the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, academic exchanges are being carried out for representatives of the country's government, the Ministry of Higher Education, Science and Innovation, the Institute of Pedagogical Innovations, regional departments for the development and coordination of vocational education, and vocational education institutions to study foreign experiences in organizing dual education in vocational education.

Based on these resolutions and decrees, starting from the 2023-2024 and 2024-2025 academic years, Shaykhontohur Polytechnic College has also implemented enrollment parameters in several directions to educate students based on dual education.

The word "dual" is derived from Latin and means belonging to two parts of something, representing two things, consisting of two parts.

Dual education is a system that allows students to receive education while simultaneously working in an organization relevant to their field.

In this system, young people acquire theoretical knowledge at an educational institution for 2-3 days and practical skills in real work processes at enterprises and organizations for 3-4 days. Currently, our students are reinforcing their theoretical knowledge in practice at contracted enterprises and are continuing their work activities at these enterprises in the future.

When students studying in the dual education system are employed at enterprises and organizations, they are assigned a mentor by the enterprise and receive a monthly salary.

Today, this system plays a very important role in the economic development of countries such as Germany, Austria, Switzerland, and the Republic of Korea.

Currently, within the framework of the project "Supporting the Reform and Modernization Processes of the Vocational Education System in Uzbekistan", implemented in cooperation with the German Society for International Cooperation (GIZ) and the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, academic exchanges are being carried out for representatives of the country's government, the Ministry of Higher Education, Science and Innovation, the Institute of Pedagogical Innovations, regional departments for the development and coordination of vocational education, and vocational education institutions to study foreign experiences in organizing dual education in vocational education.

During the exchanges, with the support of the Uzbek Embassy in Berlin and the German Society for International Cooperation (GIZ), meetings were held with representatives of the Federal Institute for Vocational Education and Training (BIBB), the German Office for International Cooperation in Vocational Education and Training (GOVET), the Chamber of Commerce and Industry, major employers, and youth vocational training centers, and prospects for future cooperation were defined.



Dual education not only teaches how to perform specific professional tasks but also ensures successful adaptation in a work team and forms the necessary competencies and responsibilities [4].

Let's consider the advantages of the dual education system in the vocational education system: the content and structure of educational programs are agreed upon between the educational institution and the enterprise, which aims to meet the needs of all parties;

practical training of specialists is organized not only in enterprises but also in the workshops, laboratories, and training grounds of educational organizations;

mutual cooperation between the educational institution and the enterprise is developed;

performing practical work at the enterprise is the best factor for studying the constant changes in theoretical activities at the educational institution;

it accelerates the adaptation process when getting employed;

it forms a clear understanding of the profession and professional competence.

The issue of successfully providing future graduates of vocational education institutions with jobs in their specialties is of interest. Therefore, the state is effectively addressing the issue of training qualified personnel for the entire economy.

It is expedient to use elements of the dual education system in the training of highly qualified and modern specialists because such training motivates students, provides opportunities to demonstrate their knowledge, and creatively develop. At the same time, it teaches independent thinking, planning their activities, securing their workplace during the internship period at the enterprise, developing professional skills and competencies, and achieving expected results.

Consequently, dual education, inseparable from the enterprise, plays a crucial role in organizing and managing educational processes in the vocational education system.

In conclusion, it is very important that dual education meets the interests and requirements of the enterprise (institution), the student, and the state. Foydalanilgan adabiyotlar:

#### References:

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