



4th INTERNATIONAL SYMPOSIUM OF EDUCATION AND VALUES ISOEVA - 2020

24-26 December 2020

Karabuk, TURKEY

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LETTER of ACCEPTANCE

Dear Hayotova Nafisa Zakirovna,

“Reforms in the system of professional colleges (on the example of Bukhara)” was examined by the referee committee and accepted to be presented as an ORAL PRESENTATION at our symposium.

We are pleased to invite you to the 4th International Symposium of Education and Values, which will be held online on 24-26 DECEMBER 2020, hosted by Karabuk University.

Assoc. Prof. Dr. Osman ÇEPNi

Karabuk University

Head of Organizing Committee



4th INTERNATIONAL SYMPOSIUM of EDUCATION and VALUES

24-26 December 2020 Karabuk, TURKEY/Online Symposium

PARTICIPATION CERTIFICATE

Dear Nafisa KHAYOTOVA

Hosted by Karabuk University; with the contributions of the International Journal of Eurasia Social Sciences, International Journal of Education Technology and Scientific Researches and the International Journal of Eurasian Education and Culture, in the 4th International Symposium of Education and Values, (4th International Education and Values Symposium) which was held online on 24-26 December, participated with a paper titled **"REFORMS IN THE SYSTEM OF PROFESSIONAL COLLEGES"**



Doç. Dr. Osman ÇEPNİ
Karabük Universtiy
Head of the Organizing Committee

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24 - 26 December / 2020 Karabuk / TURKEY

24 - 26 Aralık / 2020 Karabük / TÜRKİYE

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REFORMS IN THE SYSTEM OF PROFESSIONAL COLLEGES

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ABSTRACT

In recent years, in the process of reforming the education system, a strong legal, organizational, material and technical base has been created in the Republic of Uzbekistan. During the period of gradual reforms in the education system, the number of educational institutions operating in Bukhara region has increased, as in all regions of the country. As of the beginning of 2019, there are 87 secondary and specialized vocational education institutions in Bukhara region, including 6 academic lyceums and 81 vocational colleges. There are 17 vocational colleges and 3 lyceums in Bukhara. Analysis of the reforms implemented over the past period, ie the development of general secondary, secondary special, vocational education, the results of the transition to 12 years of compulsory education, the current system of secondary special, vocational education today. For this reason, the transition from a 12-year compulsory education to an 11-year education system and the study of the industrial industry and the need for qualified personnel in each region were studied, on the basis of which the establishment of technical schools, vocational schools and colleges. The Decree of the President of the Republic of Uzbekistan M.Sh. Mirziyoyev dated January 25, 2018 "On measures to radically improve the system of general secondary, secondary special and vocational education" on September 6, 2019 The adoption of the decree brought changes and innovations to the system.

Previously, vocational education was intended only for ninth-graders, but was not available to those who had served in the military or were seeking a second major. The current system is open to the public and students can study at any age. At present, college training is based on the principle of lifelong learning at the expense of those who have completed at least level 3 of the international qualification curriculum and have at least a general secondary education. Training on a fee-for-service basis has been identified as the main goal. For this purpose, on the basis of the Presidential Decree "On organizational measures to further improve the system of vocational education" instead of 81 vocational colleges in Bukhara region, 8 colleges, 8 technical schools and 21 vocational schools were established. In Bukhara, 2 vocational colleges, 1 vocational school, 5 technical schools are preparing for the start of their activities in the 2020-2021 academic year.

Keywords: Vocational training 1, vocational training 2, technical school 3, distance learning 4, action strategy 5

STUDY OF THE INFLUENCE OF BALL MILLING PROCESS IN TRONOH SILICA SAND

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ABSTRACT

In Malaysia, Tronoh silica sand (TSS) purification is an essential step in expanding this silica sand's technical applications. However, previous studies have shown no research on the purifying of tTronoh silica sand. Intentionally, the study's focus on the ball milling technique as a preliminary technique for Tronoh silica sand purification. Firstly, the objectives are to study the influence of ball milling with three different speeds (90, 95, and 100) dial positions on the silica sand purification and, secondly, to analyze its characteristics after the ball milling process. The study focuses on the analysis of samples before and after the milling process by Field Emission Scanning Electron Microscopy (FESEM), X-ray fluorescence (XRF), Energy Dispersive X-Ray Spectroscopy (EDS and XRD) analysis. The ball milling technique is a simple method; however, it affects the characteristics of the TSS after the milling process. In conclusion, the process resulted in a reduction of the particles' size and surface area increment. The purity of silica (SiO₂) also increased after milling. The crystalline phases for the silica before and after 4 hours of milling remained.

Keywords: ball milling; Tronoh silica sand; ultrasonic bath