

OPENING SPEECH



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Good afternoon, dear participants of the International Conference and dear guests! At the Tashkent State Technical University, the first International conference is being held on the topic: "Ensuring life safety in the sectors of the economy: prospects, problems of social and technical systems", organized in accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 78-P dated March 2, 2021. This international conference is dedicated to topical issues of ensuring the safety and protection of the population, facilities, as well as training personnel in the specialty "Life Safety".

Today, there are 160 thousand hazardous industrial facilities (HIF) and large industrial enterprises in Uzbekistan, as well as more than 400 thousand small businesses.

Despite the advances in technology, the problem of safe-life activities are gaining more and more relevance and scientific significance. As you know, at present, the number of the world's population is growing, and the number of industrial enterprises to meet the needs of people is also growing in parallel. However, non-observance of safety regulations, violation of labor protection rules and non-observance of elementary knowledge in emergency situations of a man-made and natural character leads to the emergence of occupational risks. Every day 4 ... people per minute die from industrial accidents in the world. During the global pandemic COVID-19, the number of accidents, unfortunately, increased significantly, so only in the Republic of Uzbekistan in 2020, 607 were recorded, against 457 in 2019, of which 201 people were fatal, 457 received serious and 35 - light bodily damage.

The main cause of accidents is the human factor, namely low qualification of employees and indiscipline of workers.

The mission of the conference is safety, which is interpreted as the spiritual, physical, social and economic well-being of people; safe and high-quality natural, man-made and social environment.

It is gratifying to note that the Department of Life Safety "of the Tashkent State Technical University recently celebrated its 20th anniversary. The department closely cooperates with the Academy of the State Fire Service of the Ministry of Emergency Situations of the Russian Federation (Prof. BB Serkov); Baltic National Technical University (Associate Professor Matsievsky S.V.); Belarusian National Technical University (Associate Professor Aleksandrenkov A.); Academy of the Armed Forces of the Republic of Uzbekistan (Doctor of Military Sciences Kadirov K.S.); Academy of the Ministry of Emergency Situations of the Republic of Uzbekistan (DSc.Ibragimov B.T.); State Committee for Industrial Safety (O. Juraev); Samarkand State Architectural and Construction Institute (Head of the Department of the Belarusian Railways Associate Professor Razykov Kh.Kh.); Technical University of the National Guard of the Republic of Uzbekistan (Prof. E. Tashmanov); Republican Scientific Center for Employment and Labor Protection; Research Institute of Fire Safety Problems of the Ministry of Emergency Situations of the Republic of Uzbekistan (Kurbanbaev Sh); Institute of Communication Technologies and Communications of the Ministry of Defense of the Republic of Uzbekistan (Mukhitdinov Kh.A.); Department of Emergency Recovery of the Ministry of Defense of the Republic of Uzbekistan (Atenov B.T.); Department of Special Operations of the Ministry of Internal Affairs of the Republic of Uzbekistan (Dzhuraev A.); Almalyk Mining and Metallurgical Combine (Norenov U.) and many other industrial enterprises.

Recently, the scientific potential of the department has been increasing every year. Under the supervision of Prof. Musaev M.N. and a number of scientists, the staff of the department defended themselves and received the scientific degree of Doctor of Technical Sciences (DSc) (Suleimanov A.A.) and Doctor of Philosophy (PhD) in Technical Sciences (Rasulev A.Kh., Narziev Sh.M., Mamatrakhimov I.I., Akhmedova Kh.A.). Students of the department take an active part in various scientific and sports events, competitions and are awarded the corresponding diplomas and certificates. (Odilova M., Rakhimova Sh., Nishonboyev Z., Tugilov M., Karimberdiev R.) professor (Musaev M.N.), associate professor (Khasanova O.T., Shomansurov S.S., Abdurakhmanova O.Dzh., Rasulev A.Kh., Kushnazarov P.I.). Leading specialists of the department are members of specialized Councils (Musaev M.N., Abdurakhmanova O.Dzh., Suleimanov A.A., Petrosova L.I., Shomansurov S.S.) and are involved as opponents in defending PhD theses. Scientists of the department are members of the editorial board of international (Mirzarakhimov M.S., Musaev M.N., Shomansurov S.S.) and republican scientific journals (Suleimanov A.A., Shomansurov S.S., Musaev M.N.).

Currently, many graduates of the department are leading specialists in the field of labor protection and industrial safety in such large companies in Uzbekistan as

Lukoil, Inter-engineering, GTL, NMMC, AGMK, Uzmetkombinat, Ministry of Emergencies, khokimiyats and other small and medium-sized businesses.

According to the results of scientific research, the scientists of the department made over 15 inventions, published 18 monographs, over 30 textbooks and teaching aids, published over 500 scientific articles, participated in international scientific and practical conferences and symposia, directly presented scientific reports in leading educational and research institutions of the world, including the universities of South Korea (2014), Germany (2018), Japan (2014), Iran (2013), MGRI - RGGRU (Russia 2018); BNTU (Belarus, 2019, 2020), etc.

Associate professor of the department Petrosova L.I. and Kushnazarov P.AND. became the winners of the Presidential Fund "Istedod" (2018)

Recently, the use of automated safety management systems in enterprises has been developing at an intensive pace. The staff of the department performed with scientific developments at the International and Republican Innovation Fairs. The results of scientific research have been implemented at the enterprises of Uzbekistan: Mubarek Gas Processing Plant, AGMK, Institute of Mineral Resources, etc.

Scientific contact (Prof. Musaev M.N.-TSTU) with the Irkutsk National Research Technical University (Prof. Timofeeva S.S.-IrNITU) for the training of joint scientific personnel.

In the future, scientific joint projects with the Belarusian National Technical University in the field of industrial safety are planned.

Teachers of the department of the Tashkent State Technical University conduct training sessions for undergraduate and graduate students at related departments of universities of the republic, as well as a master class for specialists, teachers and doctoral students in the direction of the department.

The ongoing research work, the entire educational process and the potential of our student team give hope for the high contribution of specialists from the Belarusian Railways of Uzbekistan to the economic development of the country and a worthy representation of the country on the international arena.

I thank all the participants of today's International Conference, which was attended by scientists from 10 countries of the world, including Russia, Belarus, Latvia, Bulgaria, Germany, India, China, Kyrgyzstan, Indonesia, the Philippines and Uzbekistan, with more than 100 scientific reports. I wish you success in the work of the conference and further success in joint developments in the field of life safety! Thank you for attention!