

Belarusian National Technical University

100 YEARS OF PROVIDING TECHNICAL EDUCATION

The creation of the first technical university in the Republic of Belarus was determined by the need to restore and develop the country's economy and industry. Belarus suffered greatly from revolutions and wars at that time, so it was necessary to resolve the issue of training advanced engineering personnel to revive the country. Initially, Belarusian Polytechnic Institute (BPI) had only five faculties. The first enrolment consisted of 305 students. Today BNTU is not just a conventional national engineering university with a 100-year rich history, but also a unique educational, scientific, and innovative cluster in the national system of higher education.

The mission of BNTU is to provide advanced, high-quality engineering education that meets the requirements of the world's labour market, based on the close integration of educational, scientific, innovative, industrial, ideological, and educational processes. The main values of BNTU are quality, professionalism, creativity, ethics, and traditions of engineering education. "The modern approach to the evolution of society is characterized by the intensive development of the digital economy, that's why the system of engineering personnel training at BNTU is in a phase of qualitative change within the framework of the "University 3.0" model - the integration of education, science and entrepreneurship through the introduction of information and communication technologies educational and scientific processes of the university," states Sergei V. Kharytonchyk, Chancellor, BNTU.



Sergei V. Kharytonchyk,
Chancellor, BNTU

Excellence and Expertise

Even in the era of "digital transformation", BNTU retains certain "conservatism", which happens through natural teaching that broadens students' basic knowledge with the "off-line" participation of well-known professors. It's a common fact that candidates with higher education will have a preferential position in the labour market.

Belarusian National Technical University is one of the central organizations of higher technical

education of the member states of the Commonwealth of Independent States. The contribution of BNTU to the higher education sector in the CIS countries can be highlighted with organizing of international scientific and practical conferences, symposiums, seminars, round tables, exhibitions and other cultural events aimed at strengthening ties between scientists and teachers of the CIS countries, development of mutually beneficial partnerships with higher technical, scientific, cultural, industrial and other institutions of the CIS countries.

Meanwhile, the university stands out with its' the affordable tuition fee, a modern sports complex, and the largest scientific and technical potential from all universities of the republic.

BNTU is a scientific organization. It has a unique innovative infrastructure, represented by educational, scientific and industrial complex, which includes 19 faculties, 4 institutes of advanced training and retraining of personnel, 9 colleges, Confucius Institute for Science and Technology, Scientific and Technological Park "Polytechnic", Experimental plant "Polytechnic", sanatorium-dispensary BNTU "Polytechnic", Belarusian-Uzbek Interdisciplinary Institute of Applied Technical BNTU is a leader in the organisation of inventive activity and intellectual property management, awarded with the prize of the World Intellectual Property Organization (WIPO).

Belarusian national technical university is not only famous for its' engineering education. Of course, specialties of engineering profile make around 90 percent of all BNTU majors in different areas: mechanical engineering, instrumentation, metallurgy, mining engineering, civil engineering, road engineering, power engineering and power engineering construction. BNTU also trains specialists in the fields of economics, information technologies, architecture, and pedagogics. The educational process at BNTU is operating within the framework of the "University 3.0" model - a combination of education, science, and innovative entrepreneurship.

The institution offers pre-degree's preparation

courses in five fields such as engineering, economics, architecture, humanitarian and medical. It offers courses of Russian language; 95 bachelor's majors in Russian and 12 bachelor's majors in English; 22 Master's majors in Russian and 15 Master's majors in English; 56 PhD majors in Russian and 12 PhD majors in English. "Our advantages are quality education, practical orientation, opportunity for students to realize their creative and scientific potential.

Every year students have possibilities of internships at leading companies of the Republic of Belarus. Internships can also be arranged in their home country

For Students from India

Belarusian National Technical University is a university with a century-old history. During all these years many significant events helped to shape the university to the leading engineering and technical educational institution in the country.

Indian students mostly choose programs taught in Russian. The first step in this case is the pre - degrees' preparation department to learn Russian. The most popular majors among Indian students are mechanical engineering, civil engineering, and information technologies.

All people who come to another country go through an adaptation process. And we proudly consider our stuff and the professors not only professional educators, but also "caring parents", who dedicate necessary time and are always happy to assist and give advice.

We don't have scholarship programs. This is possible only through intergovernmental agreements or grants.

"Every year students have possibilities of internships at leading companies of the Republic of Belarus. Internships can also be arranged in their home country", concludes the Chancellor.

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