



## NATIONAL TRANSPORT UNIVERSITY: THE PAST AND THE PRESENT

The history of National Transport University began on 7 November, 1944 since Kyiv Motor Car and Road Construction Institute was founded. It's the high educational establishment for training specialists in the sphere of motor transport and road construction to restore and develop transport systems of Ukraine.

There were 274 students taught by 49 professors, assistant professors and teachers at Kyiv Motor Car and Road Construction Institute in 1945. In the post-war period the first rector of a newly founded institute Yu. M. Dadenkov, who had been a Minister of Education of Ukraine for many years, managed to involve many outstanding scientists to teaching work. In time Yu. M. Dadenkov became a member-correspondent of the National Academy of Sciences of Ukraine.

The name of National Transport University is closely related to the activity of many eminent scientists and organisers of high school. Among them there was Doctor of Engineering and Physico-Mathematical Sciences M. O. Lavrentiev (Academician and Vice-President of the USSR Academy of Sciences, Academician of the National Academy of Sciences of Ukraine and many academies worldwide, Founding Head of Siberia department in the USSR Academy of Sciences, Laureate of Lenin and State rewards); a well-known expert in the transport building sphere, Academician of the National Academy of Sciences A. O. Vasylenko; a renowned scientist in the building sphere, Laureate of the USSR State reward, Professor D. A. Rudenko; Physicist and Chemist, Professor B. A. Roiter (Academician of the National Academy of Sciences of Ukraine, an honoured scientific worker of the Ukrainian Soviet Socialist Republic); Scientist of metallurgy, Laureate of the USSR State reward O. O. Sihov; Mathematician and Mechanic M. O. Kilchevskiy (Academician of the National Academy of Sciences of Ukraine afterwards); while talented scientists I. I. Gikhman, O. M. Penkov, S. I. Tetelbaum, I. A. Kyryyenko are prospective member-correspondents of the Ukrainian Academy of Sciences.

Many other prominent specialists in motor transport and road construction spheres made a great contribution to the history of the University. They are Ye. P. Veryzhenko, Ye. I. Borzakovskyi, M. I. Ivashchenko, Ya. I. Nesvitskyi, K. S. Ternetskyi, M. I. Tovstolis, Ya. V. Khomyak, G. K. Syunyi, Ya. D. Livshyts, A. I. Vorkout, L. P. Reva.

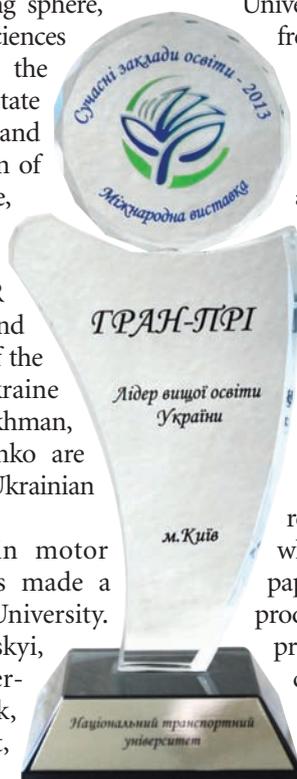
At present, four Institutes work in the structure of National Transport University, such as: the Institute of Correspondence and Distance Learning, the Institute of Transport Economics and Business, the Institute of pre-University Training and International Cooperation and the Research Institute of Transport and Construction technologies. There are four departments in the University: Motor Mechanical, Road Construction, Transport and Information Technologies, Economics, Management and Law. Three educational advisory centres are opened in Lviv, Kryvyi Rih, Ivano-Frankivsk. Barsk Motor Transport and Road Construction Technical College, Nadvirniansk College, Zhytomyr Motor Transport and Road Construction College, State high educational establishment "Kyiv Transport and Economic College", Lviv High Vocational College of Transport Technologies and Maintenance, lyceum and specialized classes in the educational establishments of accreditation level I efficiently function on the basis of the University. The International Educational Centre of Information Technologies, postgraduate and doctorate courses make it possible to train highly qualified specialists.

Nowadays, more than 18000 students in 19 training directions and 21 specialities study at National Transport University and its structural subdivisions. Over 600 citizens from 14 foreign countries have become NTU students.

Since the starting period of its existence the university teaching staff began research work in various fundamental directions: road hydraulics, reliability and a long life of road pavements, research and improvement of motor car technical specifications the utilization of motor cars and tractors' gaseous refuelling, improvement of motor car technical performance and maintenance, research and increase in reliability of cars.

The number of efficiently operating science schools is steadily enlarging by many others to meet the modern requirements of Ukrainian transport systems.

In 2012 the experiments on 89 science and research papers were successfully carried out, 13 of which were state budget. The results of 52 research papers adopted by employers were implemented into production while 56 of them have been used in learning process till now. According to the results of researches carried out in 2021 the University submitted 75 applications for issuance of security documents. The researchers obtained 28 patents of Ukraine for their inventions, 24 certificates for the enrolment of the



subject of entrepreneurship to the Register of software creators and distributors, 60 authors' certificates on scientific work and 19 registration certificates of computer programmes. NTU scientific researchers participated in 216 international conferences, seminars and symposiums where more than 330 reports were made public.

Learning process and scientific work are provided by over 600 science teachers, 80% of them have ranks and academic degrees.

There are 54 doctors of science, professors, 10 honoured workers of science and engineering of Ukraine, 5 honoured workers of national education of Ukraine, a distinguished builder of Ukraine, an honoured worker of Physical education and Sport of Ukraine. Moreover, 11 teachers are laureates of the Ukrainian State reward, 24 of them have become the full members and member-correspondents of branch academies of Ukraine and of some foreign countries.

Kyiv Motor Car and Road Construction Institute was one of the original educational establishments in the USSR that introduced level training at the correspondence and evening learning courses, opening general technical departments in Kyiv, Kamianets-Podilskyi and Lutsk, on the basis of which separate high educational establishments of accreditation levels III–IV, namely Lutsk State Technical University, were founded.

In due course, National Transport University was the first among other educational establishments that started training specialists on road traffic organisation, motor transport economics, equipment and technologies of increasing wear resistance and refurbishment of cars and constructions' parts, transportation organisation and transport management. Taking into account the demands of market relations and transport informational content, the appropriate departments were opened for future University graduates.

In recent years a great deal of work has been done for accreditation and licensing of the University. In general, 40 directions and specialities with educational qualification "Bachelor", "Specialist" and "Master" have been accredited and licensed. The University first admitted students to a new training direction on 4 specialities with qualification "Specialist" and on 7 specialities with Master's degree, such as: Project Management, Management of Foreign Economic Activity, Computer Economic and Environmental Monitoring.

The strategic aim of the University work is the enlargement of specialities and specialisations along with the traditional ones to integrate all types of transport and its infrastructure.

The University curriculum meets high standards of modernity with introduction of computer and advanced information technologies and management activity. 16 computer classes are available for students and university teachers. The basic provisions of Bologna declaration are being gradually implemented. The group of authors B. I. Khoroshun, O. M. Yazvinska, V. D. Danchuk under the supervision of the rector, Professor M. F. Dmytrychenko prepared and published a textbook for students "High Education and the Bologna Process".

Under the conditions of growing competition in the educational market of professional services, efficient work to form the appropriate students' environment has taken on a



great significance. In 2013 the number of entrants who wished to become NTU students made up 13449 people. This competition figure increased by 5% compared to 2013 and totalled 18,3 people to fill a vacancy of the full-time education and 4,8 entrants on part-time basis. This is the highest competition figure in the history of the University.

National Transport University issues 5 inter-departmental scientific collections and journals. Four specialized Academic Councils for defending Doctors' and Candidates' dissertations on 11 specialities effectively function at the University. NTU carries out its scientific and technical cooperation under 212 treaties, 20 of them are of internationally-binding nature, 8 of them are concluded with the scientific establishments of the National Academy of Sciences of Ukraine.

Students, teachers and other employees integrate their studies and work with physical culture and sport. There is a modern sport centre with a swimming-pool and many sport gyms at their disposal. The motor club in NTU is one of the leading sport clubs in Ukraine that trained over 50 masters of sports on motocross. The NTU team of motorists repeatedly became the champion of Ukraine.

In 1999 the educational establishment was awarded the honoured certificate of the Cabinet of Ministers of Ukraine. Under the Ukrainian President's decree, the University got the status of the national high educational establishment. In 2004 it got the highest accreditation level IV, thus confirming its rating in the system of national high education of Ukraine. In 2007 the University was awarded the diploma "Leader of Transport Systems in Ukraine".

The representatives of National Transport University took an active part in All — Ukrainian contest "The Inventor-2011" and became the third in the nomination for "The Best Invention-2011".

In 2012 NTU was engaged in international exhibitions "Modern Educational Establishments", "Education and Career", where it was also awarded a grand prize and a gold medal. NTU got a grand prize diploma "Leader of High Education in Ukraine" according to the results of the international exhibition "Modern Educational Establishments-2013".

National Transport University has paved a glorious way for 70 years of its existence. The future opens great perspectives and sets challenging tasks dictated by modern times. So, the teaching staff of this educational establishment applies all the effort in their successful fulfilment.