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**IN MEMORY OF THE RECTOR OF KHTI, PROFESSOR
DMITRY STEPANOVICH ZERNOV**

Summary

The purpose of the article is to highlight the main life milestones and creative path, to summarize the priority scientific achievements of a talented scientist and teacher, founder of Higher Technical Education in Ukraine and second director of the Kharkov Institute of Technology Emperor Alexander III, Professor Dmitry Stepanovich Zernov in the Kharkov period of his life and work.

Research methods: general scientific-analysis and synthesis, classification; historical — problem-chronological, comparative-historical, biographical, retrospective. Analysis of the main stages of professional activity of the outstanding scientist and teacher gave grounds to assert that Dmitry Stepanovich Zernov was one of the founders of education in technical mechanics, taught students a course of

resistance to materials, for several years was the head of the Kharkov Technological Institute of Emperor Alexander III, his professional activity led to the appearance of new academic subjects in the university, primarily agricultural engineering, organic chemistry, internal combustion engines, electrical engineering, mechanical engineering and the like.

Dmitry Zernov's first acquaintance with KhTI took place in September 1891, when he was appointed to the position of associate professor of KhTI, but in May 1892 he became a professor at the Moscow Technical School in the Department of technical mechanics.

Dmitry Stepanovich returned to Kharkov on July 15, 1898, when he was appointed director of KHTI. He held this position until December 24, 1902, when D. S. Zernov was appointed director of the St. Petersburg Institute of technology. In this position, he replaced Kharlampy Sergeyeovich Golovin, a former professor of KhTI.

After replacing Viktor Lvovich Kirpichev as director, Dmitry Stepanovich Zernov worked in the spirit of the first director of KhTI: new academic buildings were built, the library was enriched, the Institute's power plant was launched, a canteen for students appeared, and outstanding scientists and teachers were hired. In this he was assisted by professors of KhTI, who all had the rank of State Councilor.

At the end of 1901, KhTI first hired a woman as a clerk, which was a revolutionary step in abolishing gender heterogeneity, and contributed to the emergence of higher education for women in Ukraine.

If on January 1, 1899, 427 students studied at KhTI, then as a result of the painstaking work of the teaching staff under the direction of Dmitry Zernov, by January 1, 1903, 1025 students began to study at KhTI.

Thus, despite his relative youth, Dmitry Stepanovich managed, relying on the teaching staff of the university, to ensure its Sustainable Development and the release of high-quality specialists, so necessary for the country. Chairman of the commission for admission of final exams of KhTI, colleague of D. S. Zernov at MSTU, professor N. E. Zhukovsky in 1902 noted the high quality of training of specialists at KhTI.

From 1898 to 1903, professor D. S. Zernov was chairman of the South Russian

society of technologists and Chairman of the Permanent Commission on technical education under the trustee of the Kharkov academic district.

Dmitry Stepanovich's professional career was connected with a number of universities: with KhTI, where he served as an associate professor, with the Moscow Technical School, where he served as a professor, and later, again with KhTI, where he worked as a director of the University. Dmitry Stepanovich's last position is director of the St. Petersburg Institute of technology.

On November 28, 1922, professor Dmitry Stepanovich Zernov passed away, leaving a good memory.

Keywords: *resistance of materials, KhTI, teacher, director, students, professor, D. S. Zernov.*