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ACTIVITY OF THE KYIV POLYTECHNIC SOCIETY OF ENGINEERS AND AGRONOMISTS AS A COMPONENT OF THE SYNERGY OF PUBLIC AND SCIENTIFIC AND EDUCATIONAL SPACES

Summary

The article examines the peculiarities of the process of formation of natural science knowledge on Ukrainian territory at the end of the 19th – beginning of the 20th centuries in the world context, highlighting the role of the Kyiv Polytechnic Society of Engineers and Agronomists at the Kyiv Polytechnic Institute. The research was conducted with the help of methodological tools, in particular, the application of the principles of historicism, objectivity, comprehensiveness and continuity and the main research methods (problematic, systemic-structural, comparative, retrospective, etc.).

The progressive path of the development of agricultural education in some European countries, which began with the creation of departments at universities with theoretical assimilation of knowledge and organization of research work, is highlighted. The established agricultural schools, departments, faculties and courses approved branch education and science in a special status at universities, which had an effective impact on the further development of practice and the creation of specialized institutions of higher education.

The formation of agricultural education and science on Ukrainian territory took place thanks to the educational activities of the Lviv (horticulture school) and Chernivtsi (botanical garden and chemical laboratory) universities, the Kyiv-Mohyla Academy (class of rural and home economics), and later the Kyiv Polytechnic Institute (agricultural department). Borrowing the German experience, the authorities reformed the legal framework and began the process of forming a system of education and scientific support for agricultural management.

The Kyiv Polytechnic Society of Engineers and Agronomists actively participated in the process of accumulation, dissemination and popularization of agronomic knowledge, which became an important component of the synergy of public and scientific-educational space. Through the activities of the sections (agronomic,

engineering, mechanical and chemical), the Society performed important communicative and educational functions, organized various events aimed at increasing the level of scientific literacy of citizens. Prominent scientists were active members of the Society, including P. E. Butenko, I. A. Feshchenko-Chopivskyi, P. R. Slozkin, M. P. Chirvinskyi, P. O. Shirokykh, Yu. V. Lange, E. O. Paton, V. G. Shaposhnikov and others. Thus, thanks to the public initiative, individual educational and scientific institutions, a synergy of new knowledge took place, which intensified the development of natural knowledge and agriculture.

Keywords: *development of natural knowledge, agricultural education and science, Kyiv Polytechnic Society of Engineers and Agronomists, popularization, agriculture.*