Abstract to the dissertation work of Zhumabekova Kyrmyzy "Scientific and pedagogical foundaions of the formation of innovative managerial abilities of future pedagogue-psychologists", for the degree of Doctor of Philosophy (PhD) in the specialty "6D010300-Pedagogy and Psychology"

Relevance of the research topic: In the context of global modernization changes in the world, the development of modern society is intensively taking place with the entry into new levels of knowledge of nature, changes in the social structure and the emergence of qualitatively new types of activities in previously unknown areas.

Currently, in the context of the implementation of the strategy of Kazakhstan's entry into the top thirty advanced countries of the world, the content of the domestic education sector is being updated in order to integrate into the global educational space. The introduction of new technologies, digital transformation and global challenges require constant updating of the education system. In this regard, innovation has become an integral part of education. Innovations in education are aimed not only at improving the effectiveness of the educational process, but also at developing students' creative and critical abilities, fostering independence, and developing lifelong learning. Such innovations are reflected in the structure of educational institutions, management models, teaching methods, educational content and the system of teacher training. Innovative technologies and approaches used today in the educational field, namely: digital technologies and distance learning (HyFlex, Coursera, Khan Academy, Bilimland, Moodle, etc.), virtual and augmented reality (VR/AR), learning along an individual trajectory (Differentiation and inclusive education), artificial intelligence (AI) and Big Data, foresight technologies, Soft skills development-oriented learning, STEM and EdTech, internationalization and academic mobility (Erasmus+, DAAD), gamification, hybrid learning, case methods and simulations (PBL, Case Study), etc. give rise to new perspectives and innovative management in the education system.

According to today's requirements, one of the main tasks assigned to each teacher is the continuous improvement of teaching methods and techniques, mastering and applying new pedagogical technologies. In addition, in teaching and learning, the main nodes are innovation processes, management problems and the application of pedagogical innovation.

The main problem of our research was the identification of a set of personal qualities that determine the ability of future education managers to be an effective subject of professional development. It is this aspect that is an integral part of the managerial activity of the head.

The purpose of the study: conceptual and practical substantiation of pedagogical and psychological features and methods of formation of innovative managerial competencies among future educational psychologists as educational managers.

To achieve the purpose of the research, the following tasks were set:

- systematization of theories on innovative management competencies;
- to reveal the essence of the concepts of "Education Manager", "innovative managerial competence", and to define;

- development of a structural and substantive model for the formation of innovative managerial competencies of future education managers;

- development of a methodology for the formation of innovative management competencies;

- creation of an educational and methodological complex of the discipline, contributing to the formation of innovative managerial competencies of education managers;

- practical verification of the methodology for the formation of managerial competencies of education managers.

The object of research: training of university teaching staff.

Subject of the research: formation of innovative managerial competencies of education managers.

The research hypothesis: If the model, methodology and content of the formation of innovative managerial competencies among future education managers are introduced into the pedagogical process of higher education, then the formation of personal and pedagogical abilities, managerial knowledge, skills, and abilities will be effective, since the formation process is provided in a targeted, technological, and measuring manner.

Research methods used in the dissertation work: *theoretical methods* (study and analysis of philosophical, pedagogical, psychological, scientific, practical, educational and methodical manuals; acquaintance with dissertations and scientific publications with normative legal documents on the problem of research, research, analysis, comparison, synthesis); *empirical methods* (control, questionnaire, test, diagnostic studies, types of experiments of psychological and pedagogical diagnostics); the study of pedagogical literature (terminological and substantive analysis of basic concepts, structural and substantive analysis), generalization of pedagogical experience of universities and methods of pedagogical experiment, questionnaires, questions and answers, mathematical statistics.

The leading idea of the study: The formation of innovative managerial competencies of future education managers based on the effective use of the possibilities of pedagogical management of universities will contribute to the training of competitive specialists with developed virtuous personal qualities, professional, managerial knowledge, skills, and abilities in the context of the entry of the domestic educational sphere into the global educational space.

Theoretical and methodological foundations of the research: philosophical, socio-psychological and pedagogical conclusions and principles that reveal the scientific concepts of "education manager", "management", "innovative management", "management", "competence", about the essence and development in training specialists, about self-government, self-realization, self-realization humanistic concepts of personality in the context of personal, self-developing integrity, reflecting the interrelation of internal and external factors generating mechanisms of self-improvement; theories of collective creative education; the basic principles of system-structural analysis, the considered approaches to pedagogical phenomena and processes; psychological concepts of axiological, activity-based and personality-oriented, integrated approaches, etc.

Research base: Al-Farabi Kazakh National University, Abai Kazakh National Pedagogical University

Scientific novelty of the research:

- the theoretical foundations of the formation of innovative managerial competencies of future education managers are systematized, comprehensively analyzed from the point of view of educational management, theory of competencies, innovative pedagogy and management psychology; the importance of the formation of innovative managerial competencies of education managers is determined, the content, components and conditions for the formation of the competence structure are scientifically differentiated, domestic and foreign theories and concepts are considered, research is studied and an analysis of the experiments was carried out.

- the essence of the concepts of "management", "education manager", "innovative managerial competence" is theoretically analyzed, their substantive features and structural components are determined; during the review of many studies, definitions of scientists were analyzed, on the basis of which the author's definitions were proposed, supplemented by the above definitions, which were consistent with the basic principles and structural model of the study; The proposed definitions are aimed at the professional development of education managers, taking into account the specifics of the system.

- A structural and substantive model of the formation of innovative managerial competencies of an education manager has been developed; with a clear analysis of the new tasks facing the education manager, it served as the basis for modeling innovative managerial competencies required by the education manager and providing a special training program. This model is presented as a complex structure that includes motivational-value, functional-activity, cognitive, and reflexive components. The model reflects the trajectory of the professional development of the education manager, the level of competence formation and the ways of their development through pedagogical conditions, determines the possibilities of its practical application. The content of the presented model was based on domestic and foreign experience and was based on scientific conclusions and pedagogical positions.

- An educational and methodological complex of the discipline has been developed and tested in practice, aimed at the formation of innovative managerial competence of education managers; The content of the discipline "Innovative strategies and processes in education" is aimed at the purposeful development of professional competencies of education managers and is adapted to the educational process. Its effectiveness has been tested in experimental work and has shown positive results. As a result of the experiment, students' managerial thinking skills, innovative decision-making, and professional responsibility were improved.

- The educational program "Innovative Management of education systems" has been developed, aimed at training education managers and developing innovative management competencies. The educational program is compiled as a recommendation based on the results of the dissertation work. The program is intended for all interested consumers of services who seek to develop the skills of successful management of innovative projects and programs by creating highly effective project teams in education and participating in the implementation of changes. This program

is aimed at training managers in the field of education using modern methods and developing their innovative managerial competencies.

The main provisions submitted for defense:

1. In the course of systematization and analysis of theories about managerial competencies, the essence and content of the concepts of "management", "education manager", "innovative managerial competence" were formulated and the author's definitions were given:

- "Management" is the activity of organizing, coordinating, controlling, and managing people and processes through the efficient use of resources to achieve certain goals. Through the management process, decisions are made that are necessary to achieve the goals of the institution or system, making its work effective.

- The "Education Manager" is a professional responsible for the management, development and organization of the educational process in educational organizations. Its task is to improve curricula, control the quality of education, coordinate the work of the teaching staff, and effectively manage financial and material resources.

- "Innovative managerial competence" is a set of knowledge, skills and abilities necessary for the head or head of an organization to effectively manage innovation processes, introduce innovative ideas, adapt to changes and implement innovations in the development of the organization.

2. A structural and substantive model for the formation of innovative managerial competencies of future education managers. The purpose of the model is to ensure effective management in the education system through the formation of innovative management competencies of a teacher–psychologist. The model included methodological, substantive, methodical, control and effective blocks.

3. Educational and methodological complex of the discipline "Innovative strategies and processes in education", contributing to the formation of innovative managerial competencies of education managers. This educational and methodical complex is included in the curriculum of the educational program of Al-Farabi Kazakh National University: "7M01101 – Pedagogy and Psychology".

4. The ways and methods of applying management theories in innovative management activities, the effectiveness of the proposed discipline have been tested and proven in the course of experimental pedagogical work.

5. The educational program "Innovative management of education systems", aimed at training education managers. The program is intended for all interested consumers of services who seek to develop the skills of successful management of innovative projects and programs by creating highly effective project teams in education and participating in making changes.

Scientific works: The content of the thesis has been published in 14 papers. Including 5 articles in publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan, 1 in foreign publications included in the Scopus database, 7 in collections of international scientific conferences, 1 in a textbook authored by a domestic supervisor.

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