

ANNOTATION

of the dissertation work of Janissenova Aliya Meirbekovna on the subject «Formation of entrepreneurial culture of students in the university education system» for the degree of Doctor of Philosophy (PhD) in the educational program 8D01101 – Pedagogy and psychology

Relevance of the research. The reform of the education system of the Republic of Kazakhstan is aimed at improving the quality of training of future specialists by increasing knowledge-intensity, commercialization of scientific projects, introduction of innovative technologies, creation of educational organizations based on public-private partnership, providing of academic freedom to universities. The Concept of Education Development of the Republic of Kazakhstan for 2023-2029 notes that the modernization of higher education is carried out in the context of global and interdisciplinary competencies of the XXI century. In the conditions of technological modernization of the economy, the country needs personnel with a universal set of competencies and systemic thinking. To a large extent, it applies to future specialists in the field of education, since the success of reforming the socio-economic policy of the country is largely due to the quality of educational services.

Future teachers are called upon to realize an important mission – the preparation of a competitive and successful young generation, which is possible if they successfully adapt and professional self-realization, for which it is necessary to provide conditions for the development of their entrepreneurial abilities even at the stage of studying at the university. The main task of modern pedagogical universities is the high-quality training of pedagogical personnel of a new formation, creative, progressive-minded, with an active life position and a creative attitude towards themselves and society.

In view of the above, the formation of an entrepreneurial culture becomes an important task of successful socialization of student youth, taking into account the specifics of the profession being mastered.

Entrepreneurial culture is considered as a set of principles, procedures, methods of economic activity by entities in accordance with the current legislation, codes of business conduct, ethical and moral rules, standards of behavior in conducting a civilized business. Entrepreneurial culture (in the broad sense of this concept) includes material objects, spiritual objects, personal qualities, social norms and values. Most researchers tend to consider entrepreneurial culture as a phenomenon integrating emotional, cognitive, motivational, operational qualities, as well as beliefs, norms accepted in the socio-cultural environment.

The fundamental ideas of philosophy, history and theory of entrepreneurship are explained in the works of N.A. Berdyaev, S.N. Bulgakov, T.A. Voloshin, B.Z. Vulfov, G.K. Gins, N. Zarubina, Zombart V. Bourgeois, M.S. Kagan, Sh. Maytal, R. Myers, S.G. Strumilin, E.R. Tagirov, Y.P. Khorkova, R. Chewning, Eklund K., Iacocca L., etc.

The psychological portrait of the personality of a specialist, manager, entrepreneur, manager is described in the works of L.K. Averchenko, I. Adizes, A.S.

Akhiezer, O.V. Varfolomeeva, V.R. Vesin, F. Davis, N. Iosifovich, A.Ya. Kibanov, R.L. Krichevsky, H. McKay, V.I. Petrushin, A.M. Sergeev, A. Fayol, G. Ford, F. Taylor, A.E. Chirikova, H. Emerson, etc.

The issues of formation of entrepreneurial competencies among students are considered in the dissertation research in the field of economic sciences by K.R. Abdulgamidov, N.F. Anokhina, D.S. Amiryan, S.T. Bektimisova, S.A. Beshenkov, N.I. Gorodetskaya, V.V. Demidov, V.V. Zhuravlev, V. Lyubkina, M.L. Nyushenkova, T.V. Obukhova, M.M. Prusak, I.A. Fedorova.

Some prerequisites and the formation of entrepreneurship in the Republic of Kazakhstan were reflected in the works of M.S. Ashimbayev, K.G. Gabdullin, and the problem of the relationship between business and ethics in the works of T.H. Gabitov, J. Abutalipov, N.K. Mamyrov, E.V. Porokhov, K.Zh. Aganin, A.Zh. Murzalinov. In the above-mentioned studies, the psychological and pedagogical component of entrepreneurship is insufficiently disclosed, although in modern socio-economic conditions, the pedagogical, moral and ethical orientation of entrepreneurial activity, the necessary level of formation of entrepreneurial culture can significantly change its quality and effectiveness.

If the general issues of entrepreneurship formation among students have been relatively studied, then there is a shortage of research on the formation of entrepreneurial culture among students of the pedagogical educational program. This actualizes the need for special research aimed at studying the psychological and pedagogical foundations of entrepreneurship and substantiating conceptual approaches to creating a system of professional training of pedagogical university students in this field. It is important to note that the adherence to traditional educational models among students of the pedagogical educational program contradicts modern requirements for the preparation of future teachers for entrepreneurial activity. There is a need for qualitative updating of educational programs, used teaching technologies and activation of other resources and didactic and technological capabilities of professional pedagogical education. In this regard, in our research, the designated problem will be concretized on the example of the formation of the entrepreneurial culture of future teachers.

As a result of the analysis state of the problem of the formation of entrepreneurial culture of university students, contradictions were revealed:

- between the updated requirements of modern society to the existing system of university education for the training of competitive specialists and the real level of formation among graduates of the entrepreneurial culture necessary for the effective performance of professional activities;
- between the need to form an entrepreneurial culture among students and the insufficient conceptual justification of the psychological and pedagogical conditions for its formation in the university environment;
- between the professional need of the student to master the entrepreneurial culture, which determines his effectiveness as a specialist in the field of education, and the insufficient development of the model for the formation of the entrepreneurial culture of future teachers.

The identified contradictions allowed us to formulate the problem of research, which consists in the theoretical justification and practical development of psychological and pedagogical conditions for the formation of entrepreneurial culture of students in the system of university pedagogical education and the corresponding provision of the implementation of these conditions. In our research, we addressed the problem of the university's capabilities in purposeful training of students-future teachers, first of all, at the bachelor's level, to the development of entrepreneurial culture as a source of their future professionalization in the conditions of an ever-improving education system, increasing its knowledge intensity and their self-realization as competitive teachers. There are enough reasons for this both from the point of view of relevance for pedagogical science and the state of practice. The need to solve this problem follows from the guidelines and tasks formulated in a number of important state documents of recent times, where strategic provisions for the cardinal improvement of the modern socio-economic state of the country are highlighted.

The relevance of the objectively existing problem was the basis for choosing the topic of this study: **“Formation of entrepreneurial culture of students in the university education system”**.

Goal of the research: theoretical substantiation and methodological support for the formation of entrepreneurial culture of students in the university education system.

Object of the research: the process of professional training the formation of entrepreneurial culture of students in the university education system.

Subject of the research: entrepreneurial culture of students in the university education system.

Research hypothesis: the formation of an entrepreneurial culture of student youth will be effective if:

- include in the content of educational programs disciplines aimed at the formation of entrepreneurial culture of students (“Entrepreneurship”);
- provide a creative educational environment for the formation of knowledge, abilities and entrepreneurial skills in the field of education;
- introduce technologies, forms and methods of teaching that actualize the entrepreneurial potential of students;
- organize a practice-oriented education that ensures the inclusion of students in entrepreneurial activities in the field of education;
- form motivation for success in educational and professional activities;
- develop reflection as the basis of the student's subjective position in relation to the organization of entrepreneurial activity;
- improve the skills of emotional and volitional self-regulation and stress tolerance of the individual.

Objectives of the research:

1. To reveal the essence, content and structure of the concept of “entrepreneurial culture”.
2. To develop a structural and content model of the formation of entrepreneurial culture of students.

3. To determine the psychological and pedagogical conditions for the formation of the entrepreneurial culture of future teachers in the university education system and to test their effectiveness experimentally.

4. To develop and test a program for the formation of entrepreneurial culture of future teachers in the university education system.

Sources of the research: official government documents, scientific works of philosophers, psychologists, teachers, economists on the problem of research, the state mandatory standard of the Republic of Kazakhstan, normative documents “The Concept of education development of the Republic of Kazakhstan for 2023-2029”, the Law “On Education” of the Republic of Kazakhstan, “National project on entrepreneurship development for 2021-2025”, scientific and pedagogical periodicals.

Methods of the research:

1) to study of psychological and pedagogical literature (categorical, terminological and substantive analysis of basic concepts, structural and functional analysis),

2) generalization of pedagogical experience of universities;

3) psychological and pedagogical experiment;

4) a set of empirical methods: questionnaire, survey, testing, methods of mathematical statistics.

The main stages of the study:

At the first stage (2018-2019), the problems of preparing the entrepreneurial culture of students, domestic and foreign experience of entrepreneurial activity were studied, a concept was formed, and on its basis modeling of the process of teaching students an entrepreneurship was carried out, the provisions of the hypothesis were substantiated.

At the second stage (2019-2020), the conceptual apparatus, methodology and methods of organizing research were worked out on the basis of a comparative analysis of the requirements of the educational standards of the university for the preparation of students; the goals, priorities, content of activities and communication, criteria for their evaluation at each of the selected stages of training and training of entrepreneurs were clarified; the content and structure of the entrepreneurial culture of future entrepreneurs were determined. specialists of the educational sphere; an ascertaining experiment was conducted based on a sample of second-year students in pedagogical specialties.

At the third stage (2020-2022), a pedagogical system for the preparation of entrepreneurial culture among students was developed; a formative experiment was carried out, analysis and generalization of the results obtained, justification of the principles and conditions for integrating the content of professional (pedagogical) and special (business) education, the design of a dissertation study was completed.

Research base: the main experimental work was carried out on the basis of the Caspian University of Technologies and Engineering named after Sh. Yessenov.

The scientific novelty and theoretical significance of the study are as follows:

- the essence, content and structure of the concept of “entrepreneurial culture of future teachers” are revealed;
- a structural and content model of the formation of entrepreneurial culture of students has been developed;
- the psychological and pedagogical conditions and practical ways of forming the entrepreneurial culture of students in the university education system have been determined and their effectiveness has been experimentally tested;
- scientific and methodological recommendations on the formation of entrepreneurial culture of students in the university education system are formulated.

The reliability and validity of the research results is ensured by a holistic approach to solving the problem, the relevance of the research content to its goals and objectives, reliance on methodological approaches in substantiating the leading provisions of the work, the humanitarian nature of the research, a variety of sources of pedagogical, psychological literature, an appropriate combination of theoretical and empirical research methods, representativeness of experimental data.

Practical significance of the study. The theoretical provisions and conclusions contained in the research create prerequisites for updating the content of education in the form of creating:

- psychological and pedagogical workshop for the formation of the foundations of self-realization of the entrepreneurial personality of the future teacher;
- a new elective course “Entrepreneurship”;
- programs of diagnostic tools for the formation of the studied quality.

Approbation of the results of the research.

The main provisions and results of the study were presented and discussed at scientific and methodological seminars in the direction of the educational program “Pedagogy and Psychology”, at the seminar “Critical and creative thinking” of the Caspian University of Technologies and Engineering named after Sh. Yessenov, also at the Faculty of Pedagogy of the Varna Technical University during a scientific internship (Varna, Bulgaria).

The content of the results of the dissertation work has been published in 15 scientific publications. Of which – 1 in the journal included in the bibliographic and abstract database Scopus, 4 – in printed publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan, 4 – in periodicals, 6 – in the materials of international scientific and practical conferences:

1. Janissenova A.M. Formation of entrepreneurial culture among university students / A.M. Janissenova // Materials of the international scientific and practical conference “I International Yessenov readings”. – 2018. – Vol.1. - pp. 57-59.

2. Kaliyeva E.I. Formation of entrepreneurial culture of students / E.I. Kaliyeva, A.M. Janissenova // Materials of the XI International scientific and practical conference “Innovations in education: guidelines and trends”. – 2019. - pp. 118-124.

3. Kaliyeva E.I. The formation of entrepreneurial culture of student youth in a modern higher education institution / E.I. Kaliyeva, A.M. Janissenova // Materials

of the XVIII International Scientific Conference “Applied psychology and social practice”. – 2019. - pp. 407-417.

4. Kaliyeva E.I. Entrepreneurial culture of personality / E.I. Kaliyeva, A.M. Janissenova // Materials of the international forum “University – the territory of meanings. Yessenov Forum”. – 2019. - pp. 117-121.

5. Kaliyeva E.I. Formation of entrepreneurial culture of students – an important task of the entrepreneurial University / E.I. Kaliyeva, A.M. Janissenova // Materials of the VIII International Scientific and Practical conference “Innovative management and technologies in the era of globalization”. – 2021. - pp. 100-107.

6. Kaliyeva E.I. Technology Transfer Center – a factor in the development of the University's entrepreneurial ecosystem / E.I. Kaliyeva, A.M. Janissenova // Materials of the international scientific and practical online conference “Modern technologies in science and education”. – 2021. - pp. 25-28.

Provisions submitted to the defense:

1. The entrepreneurial culture of a future teacher is an integrative quality of personality, including value-motivational, cognitive, emotional-volitional and behavioral components, ensuring readiness for entrepreneurial activity in the field of education.

2. The structural and content model of the formation of the entrepreneurial culture of the future teacher represents a system of blocks: targeted, meaningful, procedural and evaluative-effective.

The target block reflects the social order - modern requirements for students and specialists (a specialist ready to carry out entrepreneurial activities in the field of education) and the goal (formation of students' entrepreneurial culture). The content block reveals the components of self-organization of educational activity of university students (value-motivational, cognitive, emotional-volitional, behavioral) and their indicators. The procedural block presents approaches, principles of work, psychological and pedagogical conditions and stages of formation of students' entrepreneurial culture. The evaluation and performance block determines the levels of development of self-organization of students' learning activities (intuitive, normative, active, creative). The result of the implementation of the model is a student with a high level of formation of the entrepreneurial culture of students.

3. The formation of the entrepreneurial culture of students in the university education system is carried out in stages (comprehension, awareness, implementation), in accordance with the model, which includes components (value-motivational, cognitive, emotional-volitional, behavioral), criteria, levels: intuitive, normative, active and creative.

4. In the university education system, the following psychological and pedagogical conditions need to be implemented in order to form the entrepreneurial culture of student youth:

- inclusion in the content of educational programs of disciplines aimed at the formation of knowledge, abilities and entrepreneurial skills;
- creation of a creative educational environment;
- introduction of technologies, forms and methods of teaching (active, interactive, digital, project), actualizing the entrepreneurial potential of students;

- organization of practice-oriented education, ensuring the inclusion of students in entrepreneurial activities in the field of education;
- formation of motivation to achieve success;
- formation of reflection as the basis of the student's subjective position in relation to the organization of entrepreneurial activity;
- improving the skills of emotional and volitional self-regulation and stress resistance.

The scope and structure of the dissertation: the content of the dissertation consists of an introduction, two chapters, a conclusion, a list of sources used, and annexes.

The introduction substantiates the relevance of the problem under study, defines the purpose, object, subject, hypothesis, objectives of the study, its methodological foundations, methods and concept, reveals the scientific novelty, theoretical and practical significance of the study and what is being submitted for protection.

In the first chapter **“Theoretical foundations of the formation of the entrepreneurial culture of students in the university education system”**, the problem of the formation of the entrepreneurial culture of students in the university education system is actualized. The essence, structure and content of the entrepreneurial culture of future teachers are revealed. The definition of the concept of “entrepreneurial culture of future teachers” is given. The criteria and levels of formation of the studied quality are highlighted. The psychological and pedagogical conditions are determined and the structural and content model of the formation of the entrepreneurial culture of students in the university education system is substantiated.

The second chapter **“Experimental work on the formation of entrepreneurial culture of students in the university education system”** carried out psychological and pedagogical diagnostics of the research subject. The effectiveness of the developed model is proved and the hypothesis of the study is confirmed with the help of the obtained analysis results and their statistical processing.

The conclusion contains general conclusions on the results of the research, recommendations and outlines the prospects for further study of this problem.

The annexes present materials of experimental work.