

## ANNOTATION

of NazgulKudaroova's thesis research "Role of the National Code in Developing Leadership Qualities of University Students" submitted in candidacy for a Doctor of Philosophy (PhD) degree in 6D010300 – Pedagogics and Psychology

**Relevance of the research.** In the modern dynamically developing world, various changes are being introduced in the field of education. Improving the system of higher professional education requires training specialists of a new format that meet modern requirements. In the First President's address to the people of Kazakhstan, the Strategy "Kazakhstan – 2050", it was said about creation of a strong state with a developed economy; seven key steps were identified to achieve the following format "Education and professional skills are the main guidelines of the modern education system, training and retraining of personnel".

In the ninth point of the Law on Education in the Republic of Kazakhstan, the system of education is called a driving force, it is said about the importance of «the implementation and effective use of new educational technologies, including the credit system, distance learning, and ICT, which can facilitate rapid adaptation of professional educational programs to the changing needs of society and the labor market».

Consequently, in the process of training future specialists, it is impossible not to apply new pedagogical technologies to meet the level of progressive development of modern society. The system needs innovative solutions in the field of the development of leadership and personal growth of students. A special place is given to pedagogical technologies for the development of leadership qualities in future specialists.

The essence, content, tools and functions of pedagogical technologies are described in detail in research carried out by V. B. Bospalko, B.T. Likhachev, M.V. Klarin, T.S. Nazarov, V.M. Monakhov, G.K. Selevko, who studied the "Pedagogical Technologies" category.

V.P. Bospalko claims that pedagogical technologies make it possible to reach educational goals effectively.

B. Likhachev understands a pedagogical technology as a set of psychological and pedagogical orientations, recognizing it as the basis for determining the organizational and methodological tools of the general pedagogical process: teaching and educational methods, ways, means, steps, forms.

M.V. Klarin represents pedagogical technology as a systematized set of methodological and instrumental means used to achieve a pedagogical goal, order and work.

The following four stages of M.V. Klarin's technological approach influenced the logic of the present research:

- formulation of learning goals, focus on achieving success;
- organization of the entire training course in accordance with the training objectives and the development of training documentation;

- assessment of the current results, learning correction, which is directed to achieve the goals;
- the results of the final assessments.

According to T.S. Nazarova, “educational technologies” are at the highest level in the hierarchy of technologies, pedagogical technology is at the second stage, then comesteaching technology.

According to V.M. Monakhov, pedagogical technology is a model which includes all the details of joint pedagogical activities for the design, organization and conduct of the educational process by unconditionally providing comfortable conditions for students and teachers.

According to G.K. Selevko, any pedagogical technology must meet the following methodological requirements: conceptuality, consistency, efficiency, and the ability to develop. Otherwise, a pedagogical technology is not a technology, i.e. it cannot perform its functions.

Thus, the modern pedagogical process must be technologically organized. Innovative teaching technologies differ from pedagogical technologies because they take into account the personal capabilities of each student, which contribute to the growth of internal leadership qualities.

Nowadays, in accordance with the requirements in the field of education, higher educational institutions must educate a well-rounded, competitive graduate who meets the requirements of the new time. The level of education obtained by future specialists, as well as the quality of higher education itself, must meet the highest international requirements.

In this regard, the Intellectual Nation-2020 project of Kazakhstan`s First President plays a special role. The main goal of this project is to educate Kazakhstanis of a new formation, transformation of Kazakhstan into competitive country, rich with human capital. Three main areas are among the priorities of the project: the development of the quality of education in accordance with the increasing demands, improving the country's scientific potential and the priority status of the innovative development system. These tasks are assigned to the vocational education system, so attention should be paid to the conclusions formulated by researchers in this area.

The conceptual foundations of the theory and practice of vocational education are studied in the works by the following researchers: S.I. Arkhangelskiy, A.Zh. Aplashova, E.I. Burdina, V.P. Golovanov, E. Zhumatayeva, S.T. Kargin, A.A. Kudysheva, V.V. Krayevskiy, N.E. Pfeifer, M.N. Sarybekov, V.A. Slastenin, N.Yu. Fominykh, N.N. Khmel, L.A. Shkutina, etc.

Improvements and changes in the education system of higher educational institutions increase the requirements for students and the requirements for the quality of training specialists.

Scientific and theoretical, didactic, methodological foundations and problems of professional training of specialists in higher educational institutions of the country are reflected in the scientific works of the following authors: A.A. Alimbekova, A.R. Anasova, S.D. Aubakirova, U.M. Abdigapbarov, B.M. Baimukhanbetova, E.N. Zhumankulova, B.D. Kairbekova, S.T. Kargin, B.T.

Kenzhebekov, G.M. Kertayeva, A.S. Magauova , K.O. Orazbayeva , M.A. Ushatov, etc.

Psychological foundations of professional training of teachers in higher education institutions, factors and issues that affect personality formation were considered in the works by Zh. Aimautov, A. Aldamurat, L.S. Vygotsky, S.M. Dzhakupova, K.B. Zharykbayev, Zh.I. Namazbayeva , R.S. Nемов, J. Piaget, H.T. Sheryazdanova.

The credit system of education, from the perspective of theoretical and applied scientific directions in the practice of higher education institutions, was described in the works of the following researchers: N. Asanov, A. Atykhanov, S.B. Abdigapparov, G.K. Akhmetov, S.A. Abdimanapov, Zh.D. Dadabayev, A.A. Kussainov.

The use of new pedagogical technologies in higher educational institutions ensures the training of specialists, increases their creative abilities and improves the educational process. The transformation of pedagogical activity contributes to the improvement of the quality of the educational process and the solution of problems for the development of the personality with the effective use of technology as an integral systemic tool.

The works of researchers who have studied the importance of leadership qualities from a historical perspective played an equally important role. They are G. Tarde (1886), G. Le Bon (1895), T. Carlyle (1840), R. Emerson (1803), A. Joly (1883), C. Lombroso (1863), and G. Spencer (1880). The following were singled out as the main positions in their works: managerial talent, leadership qualities considered as a special heroism; a leader with outstanding qualities - tolerance, strength, charisma, intelligence, the ability to influence others.

The theories of F. Nietzsche, Z. Freud, G. Tarde, K. Le Bon had a profound influence on contemporary theories of leadership.

Methods for the development of leadership qualities among university students are described in the works of the following authors: P.A. Belyaeva, A.R. Yermentayeva, A.K. Mynbayeva, R.L. Krichevskiy, A.V. Sorokin, E.V. Selezneva, Zh. I. Namazbayeva.

One of the important tasks of modernizing the education system is the formation of an intellectual nation, whose representatives possess competitive knowledge, a developed outlook, and also have a high civic and moral position, a sense of patriotism and social responsibility.

Many young specialists in modern Kazakhstan have an insufficient competence in teaching young people and the ability to develop and focus on the future through the national code. The importance of solving this problem was mentioned in the program article of N.A. Nazarbayev, the First President of the country, "Looking into the Future: Modernization of Public Consciousness".

National character, peculiarities of national customs and cultures are considered in the works by B.A. Amirova, N. Dzhangeldina, E. Zhumataeva, L.N. Gumilyov, M.K. Kozybayeva, A.A. Nalchajyan.

Psychological characteristics of nations' peculiarities are given in the works by S.M. Arutyunyan, Yu.V. Bromley, D.B. Parygin, Yu.P. Platonov, N.S. Sarsenbayev.

To increase the potential of the nation, it is necessary to develop further our culture and ideology by means of "spiritual modernization". A Kazakhstani person who knows his own history, language, culture, who speaks foreign languages and has a global worldview, should become the ideal of our society.

At the same time, leadership qualities will be realized through the adaptation of the intellectual potential of each student in future activities. However, in scientific works, this topical issue has not been considered comprehensively, therefore there is a problem that prevents its solution. Having analyzed the works of researchers, in which attention is focused on the development of leadership qualities of students of higher educational institutions, we identified the following **contradictions**:

- the fundamentals of the practice of developing the leadership qualities of students of higher educational institutions have not been sufficiently developed;
- leadership qualities in folk pedagogy are not fully differentiated in relation to the research problem, that is, the determination of the possibilities of their formation and prosperity;
- the national code is not regarded as a tool for implementing the program of spiritual revival.

The problem of considering the approaches and ways of forming the national code in the process of developing the leadership qualities of students of higher educational institutions made it possible to formulate **the research problem**.

The relevance, insufficient scientific and practical development of the problem determined the choice of the **research topic**: "Role of the National Code in Developing Leadership Qualities of University Students".

**The aim of the research**: scientific and theoretical formulation and practical verification of the psychological and pedagogical foundations of the development of leadership qualities of students in higher educational institutions through the national code.

**The research object**: the pedagogical process at the university.

**The subject of the research**: the role of the national code in the development of students' leadership qualities.

**The research hypothesis**: if the university creates sufficient conditions for the development of the leadership qualities of students through the use of the program of spiritual modernization as a tool for implementation and through the analysis of the works of researchers of folk pedagogy where the national code is considered, **then** students will have the opportunity for optimal growth of national consciousness, national behavior in pedagogical process, **as** this will give an opportunity for the formation of an intellectual nation, possessing competitive knowledge, developed worldview, high civil and moral position, a sense of patriotism and social responsibility.

In accordance with the aim, subject and hypothesis, the following **research tasks** were identified:

1 To consider the scientific and theoretical foundations for the development of leadership qualities of university students;

2 To analyze the progress in researching the idea of leadership development in national and foreign science;

3 To identify the pedagogical conditions for the development of students' leadership qualities in the context of a national character;

4 To develop a structural and functional model of the process of developing the leadership qualities of university students through the national code;

5 To define the role of educational content in the development of leadership qualities of university students in the context of national character;

6 To check experimentally the effectiveness of methods and ways of implementing the national code in the development of students' leadership qualities.

**The leading idea of the research:** the study of the national code, the development of students' leadership qualities, the assessment of the role of the national code in spiritual modernization.

**The theoretical and methodological basis of the research:**

- ontological approach (L.M.Luzin, N.A. Berdyayev, A.G. Chernyakov, etc.);

- axiological approach (B.G. Ananyev, T.N. Kuznetsova, V.A.Slastenin, G.I. Chizhikov, I.F. Isayev, E.N. Shiyanov, etc.);

- value-oriented approach (A.V. Kiryakov, A.G. Zdravomyslov, V.A. Yadov, V.A. Belikov, etc.);

- modern theories and the concepts of higher education (O.A.Abdullina, S.I.Arkhangelskiy, V.A.Slastenin, etc.);

- the theory of a holistic pedagogical process (Yu.K. Babanskiy, N.D.Khmel, etc.);

- the theory of independent work organization on a practice-centered basis (M. Dzhadrin, N.N. Nurakhmetov, G.A.Omarova, A.A.Sarsembayeva, G.B. Umirbekova, etc.);

- the concept of forming a component of motivation for independent work of the individual (A.V.Batarshv, R.M.Garanina, N.F. Talyzina, etc.);

- intellectual theories and the cognitive activity theory of the individual (M.A.Kholodnaya, D.B.Bogoyavlenskaya, etc.).

**Research methods:** the theoretical and methodological analysis made it possible to formulate the initial positions of the research; conceptual and terminological analysis to characterize and order the terminological field of the problem; methods of analysis, generalization, generalization of research results; methods of qualitative and quantitative analysis, generalization of experimental data.

**Research base:** Pavlodar State University named after S. Toraigyrov, Pavlodar State Pedagogical University, Innovative Eurasian University, Eurasian National University named after L.N. Gumilyov, Mogilev State University named after A.A. Kuleshov (Republic of Belarus).

**Research stages:**

**At the first stage** (2017-2018), a theoretical analysis of the psychological and pedagogical works on the research problem was carried out, the scientific and conceptual apparatus of the study was determined, the current state of the research problem was studied, the scientific and theoretical basis for the development of students' leadership qualities in the context of a national character was developed, diagnostic materials were developed.

**At the second stage** (2018-2019), the content of the experimental work was determined, a model of the process of developing students' leadership qualities through the national code was developed and implemented in the course of the experimental work.

**At the third stage**, the analysis of the effectiveness of the developed model (2019-2020) was carried out, mathematical processing was carried out, the results were generalized and systematized, and conclusions were drawn. The materials obtained as a result of the research are presented in the form of a thesis.

**Scientific novelty of the research:**

- the scientific and theoretical foundations of the development of leadership qualities of university students are considered;
- the progress of research on the idea of leadership development in national and foreign science has been analyzed;
- pedagogical conditions for the development of students' leadership qualities in the context of a national character have been revealed;
- a structural and functional model for the development of leadership qualities of university students through the national code has been developed;
- the role of the education content in the development of leadership qualities of university students in the context of a national character is determined;
- the effectiveness of methods and ways of implementing the national code in the formation of students' leadership qualities has been experimentally tested.

**The theoretical significance of the research** lies in the study of the scientific and theoretical foundations of the national character of the leadership qualities development in university students, the creation of a structural and functional model of the process of developing students' leadership qualities through the national code.

**The practical significance of the research** is determined by the fact that the following have been developed: theoretical provisions, conclusions, scientific and methodological recommendations that can be used in the system of professional training of students.

During the research, a model for the development of leadership qualities of university students through the national code was presented; the "Development of Leadership Qualities on the Basis of the National Character" block was developed and introduced into the work program of the discipline "Psychology of Leadership". The following have also been done: "Psychology" textbook for bachelor students and teachers on the basis of a standard curriculum was developed and implemented; diagnostic tools were developed and tested to identify leadership qualities and national self-awareness of students; "Organization of Students' Independent Work within the "Psychology (Koshbashlyk)" Discipline" electronic

textbook was developed (certificate of entering information into the state register of rights to objects protected by copyright No. 2733 dated April 9, 2019). These results determine the practical value of the study.

**The main findings for the defense:**

1 Scientific and theoretical foundations for the development of leadership qualities of university students;

2 Analysis of the research process in national and foreign science on the idea of leadership development;

3 Pedagogical conditions for the development of leadership qualities of students in the context of a national character;

4 The structural and functional model for the development of leadership qualities of university students through the national code;

5 The content of education for the development of leadership qualities of university students in the context of a national character;

6 The results of experimental work confirming the effectiveness of methods and ways of implementing the national code in the development of university students' leadership qualities.

**The validity and reliability of the research results** are associated with the original methodological and theoretical principles of the author, the use of a set of theoretical and empirical research methods, the contradiction set in the study; processing the obtained experimental results using methods of mathematical statistics; confirmation of the research hypothesis by its results.

**Approbation and presentation of results:** the results were reported and discussed at four international scientific conferences (Poland, 2018; Belarus, 2018; Kazakhstan, 2017- 2020). Four articles were published in the journals recommended by the Committee for Control of Education and Science, Ministry of Education and Science of the Republic of Kazakhstan: Vestnik of PSU named after S. Toraigyrov, "Pedagogical" series (2018); Vestnik of KazNPU named after Abai, "Pedagogy" series (2018); Vestnik of KazNPU named after Abai, "Psychology" series (2018); Vestnik of Eurasian National University named after L.N. Gumilyov, "Pedagogy. Psychology. Sociology" series (2019). There is a publication in an international journal indexed by Scopus (Venezuela, 2018). The textbooks "Psychology" (2019) and "Organization of students' independent work within the "Psychology (Koshbasylyk)" Discipline" were released in 2019.

**Thesis structure and volume:** the thesis consists of a title page, normative references, definitions, symbols and abbreviations, an introduction, three chapters, a conclusion, a list of references and appendices.

**The introduction** outlines the scientific apparatus of the research, the relevance of the topic, the aim, subject, form, hypothesis and tasks of the research, methodological foundations, methods and stages of the research, scientific novelty of the research, theoretical and practical significance, main findings for the defense, the information on the validity and reliability of the research results, as well as their presentation.

**In the first chapter**, entitled "Scientific and Theoretical Foundations for the Development of Leadership Qualities of University Students", a historical and

pedagogical analysis of the psychological and pedagogical foundations of the development of leadership qualities of higher educational institutions students was carried out, the ways of continuous development of the leadership qualities of students and the meaning of the “leader” concept and leadership qualities of students were studied.

**In the second chapter**, entitled “Methods and Ways of Forming the Leadership Qualities of University Students with the National Character”, the pedagogical conditions for the implementation of the national code of the university are determined, a model for the development of leadership qualities of university students is developed on the basis of the national code, the role of education in the development of leadership qualities of students in the context of national character is scientifically substantiated and considered.

**In the third chapter**, “Checking the results of the national character of the development of the leadership qualities of university students through experimental work”, the objectives, tasks and stages of experimental work are determined, the implementation of the developed system and the conditions for its effective functioning are described, the research results are analyzed and processed using methods of mathematical statistics.

We determined checking the efficiency of the impact of selected pedagogical conditions complex that ensure the implementation of the developed model of the leadership qualities developing process of university students as the goal of the experimental work. This goal determined the content of the main tasks to be solved in the course of experimental work.

**In conclusion**, the theoretical and practical results for each chapter of the study were summarized, the scientific conclusions of the experimental work were presented.

**The appendices** include practical research materials.