ANNOTATION

of PhD thesis on the theme "Formation of professional skill of the future specialists fine arts by means technology of eco-design"of Bekbolatova Kuralay Maratovna, candidate for PhD degree on specialty “6D010700 - Fine arts and drawing”

Relevance of the research. For centuries, people preserve the nature of their native land, adhering to the ecological way of life with the traditions of economical and expedient use of its wealth. The history of the Kazakh people, its traditions reveal many vivid examples of genuine pragmatism. The Message by Head of State N.A. Nazarbayev's “Program of Modernization of Public Consciousness” states that no modernization is possible without preserving the national code, national culture, and all ongoing reforms provide various ways to prevent harm to people's health in the development of manufacturing enterprises, that is, the importance of educating a specialist with a developed professional vision on the culture and traditions of their people, armed with diverse knowledge.

The above requirements actualize the need to form the professional skills of fine art specialists through eco-design technologies, since for a long time the types and methods of making decorative handicrafts of the Kazakh people were closely connected with the environment by means of processing and manufacturing such products as masterfully executed embroidery, weaving, embossing, chasing, knitting, using materials such as silver, leather, wood, wool, flax, ceramics, clay, etc.

Methods of composition, design, technological sequence of manufacturing decorative handicraft products from pure natural materials require high skill. Training future specialists of fine art through eco-design technologies contributes to the development of traditional craft, its traditional technologies, expanding the possibilities of using natural materials, improving the professional skills of future specialists of fine arts.

Various aspects of the problem of the formation of professional skills of specialists in the fine arts were widely covered in the studies of teachers and psychologists, art historians and philosophers, sociologists and ecologists.

The authors reveal the theoretical and methodological foundations, features and functions of the professional training of future teachers (S.I. Arkhangelsky, Yu.K. Babansky), problems of forming professional interest in the process of obtaining polytechnic education (P.R.Autov, S.Ya.Batyshev, Yu.K. Vasiliev and others); the formation of professional qualifications of the future specialist (A.I.Iskak, U.ZH.Konakbaeva), students’focus on technological mastery (E.A.Baybatshaeva and others), pedagogical professional orientation (I.A.Balabayeva), the formation of professional value orientation of students (U.Z. Adilshinova), the formation of professional interest in engineering and technical education (L.Kh.Mazhitova).

In line with this study, the works of Russian psychologists and teachers devoted to the study of the problem of forming the professional skills of specialists

(E.K. Karpenko, V.V. Puchkov, G.F.Privalova, A.K.Kulbekova, O.I.Radomskaya, E.V. Dorofeyeva, L.Z. Zhemukhova, I.V. Romanets, E.G.Votinova, T.S.Rozhok) are of great interest.

A great contribution to the study of the general problems of aesthetic education and the development of the aesthetic interest of the younger generation on the basis of the disciplines of fine art and decorative handicraft art was made by well-known Kazakhstani scientists B.A.Almuhambetov, K.O.Zhedelov, A.Kamak, J.Balkenov, K.Bolatbayev, F.N.Zhumabekova, A.K.Yeralin.

Various aspects of the upbringing of schoolchildren and students through the arts and crafts were revealed in the works of U.M.Abdigapbarova, A.A.Sagymbaev, Sh.Z.Aidarova, P.A.Abasheva, R.Kh.Kanapyanova, K.I.Kudabaeva, Z.B.Munashova, B.A.Aydarbek, O.Zaymoglu and others.

Of great importance in the context of this study were the works of scientists and educators, which addressed the problems of diversification in the professional training of specialists in the field of art (T.A. Kyshkashbaev), revealed the system of professional training of future art experts (G.A.Muratbaeva).

The undoubted research interest is the experience of scientists from countries near and far abroad, accumulated in the field of various areas of eco-design. Thus, the process of artistic design of environmental design is considered in the works of A.V.Uvarova; the use of modern eco-design of traditional elements of national clothes of the peoples of Yakutia is proposed by Z.M. Zabalotskaya, various directions of ecological culture and competences were studied by A.O. Glazacheva, E.N.Golovanova.

In order to shape the professional skills of future specialists of fine art through eco-design technology, research experience of domestic scientists was studied, which examined the use of innovative technologies to improve the environmental knowledge of future specialists (Zh.S.Sikhynbayeva), develop an environmental culture of preschool children (N.S.Sailauova), forming an ecological culture of future specialists the formation of the ecological culture of future specialists in the process of educational project activities (E.O.Sagyndykova, K.Sh.Bakirova).

Methodical aspects of teaching the disciplines of art and drawing, graphics, decorative craft art were considered in the works of I.S.Smanova, K.Eralina, M.Zh.Tanirbergenova, D.A. Kemeshova, S.K.Beissenbekova, B.E. Ospanov, J.N. Shaygozovoy, T.M.Kozhagulova, E.T.Kisimisova and others.

If the peculiarities of the educational process in the preparation of future teachers of technology and artistic work were examined in the studies of K.A. Duysenbaeva, M.Zh.Kozybakov, K.Ustemirov, S.A.Zoldasbekova, D.Urkinbaeva, B.Zh.Zhyentayeva, N.B.Rakhmetova, R.A.Darmenova, A.D.Rayymkulova, G.K.Shyrynbaeva, A.S. Smanova et al., the possibilities of sculpture and ceramic products in the formation of the professional qualifications of future specialists are revealed in the works of B.A.Mukhametzhanova.

Of great importance in the aspect of this work were the art history studies of the authors on the development of decorative crafts and their types in Kazakhstan

(A.Shklyaeva, S.M.Kyrykbaeva), the theory of Kazakh art in the context of pure art (M.E.Sultanova) investigated.

Thus, the analysis of scientific research and advanced pedagogical experience prove the lack of research to date on the scientific and theoretical substantiation of the formation of the professional skills of future visual art specialists through eco-design technologies.

The existing contradictions are obvious: between the needs of society in highly competent specialists in the field of fine arts and the insufficient level of professional skill of future fine arts specialists through eco-design technologies; between the great potential of eco-design technologies in the formation of professional skills of future specialists of the visual arts and the lack of educational and methodological complex related to their implementation; between the unique peculiarities of eco-design technologies and the lack of a system analysis of the study of the methodological foundations of the formation of the professional skills of visual arts specialists. The search for ways to solve these contradictions became the basis for solving the problem of research and the choice of the theme **"Formation of professional skill of the future specialists fine arts by means technology of eco-design".**

The purpose of the research: theoretical substantiation of forming professional skills of future specialists of fine arts through ecodesign technology and the development of its content and methodology.

The object of the research is forming professional skills of future specialists of fine arts.

The subject of the research is the process of forming professional skills of future specialists of fine arts through ecodesign technologies.

Scientific hypothesis of the research - if: to reveal the theoretical foundations, the peculiarities of the formation of professional skills of future specialists of the finel arts through eco-design technology, to develop a model and methodology of the formation of professional skills of future specialists through eco-design technology and to implement it into the educational process of the university, the level of their professional skills and knowledge will increase, since this structure would be the basis for the practice-oriented educational institution process.

Objectives of the research:

- to define the theoretical basis for the formation of professional skills of future specialists of fine arts through eco-design technology;
- to substantiate the features of forming professional skills of future specialists of fine arts through ecodesign technology;
- to develop a model for the formation of professional skills of future specialists of fine arts through ecodesign technologies, its criteria, levels of indicators;
- to prove experimentaly the efficiency of methods of forming professional skills of future specialists of fine arts through ecodesign technologies.

Leading idea. The level of professional skills, professional knowledge, activities of future specialists of the fine arts is enhanced through the development

of eco-design technologies based on the historical and cultural heritage of traditional applied art (felting) and the implementation of comprehensive training for future specialists of the fine arts in the practice-oriented educational process.

The theoretical and methodological basis of the study is theoretical analysis in such areas of science as art history, philosophy, ecology, history, sociology, ethnography, pedagogy, psychology, ethnopedagogy; study of the history of the development of works of national applied art; eco-design technologies in traditional and modern art, theories of vocational education and professional activity, the theory of mastery in the development of future specialists; theoretical and practical basis for the manufacture of products from wool, etc.

Sources of research. The program "Modernization of public consciousness", official documents of the Government of the Republic of Kazakhstan (laws, decrees, decisions), concepts and programs of the Ministry of Education and Science related to the introduction of national heritage into the educational process, normative educational documentation, works of scientists (historians, ethnographers, philosophers, art historians, psychologists, pedagogues), advanced pedagogical experience and achievements of pedagogical science, pedagogical and research experience of the author of dissertation.

Research methods: theoretical analysis of philosophical, art, psychological, pedagogical, technological literature on the problem of the research; analysis of educational documentation of the university (state standard, curriculum, programs, textbooks), best practices of teachers; control; questioning; conversation; pedagogical experiment; mathematical data processing.

Theoretical significance and scientific novelty of the research:

- theoretical bases of forming professional skills of future specialists of fine arts through ecodesign technology are defined;
- the features of forming professional skills of future specialists of fine arts through ecodesign technologies were identified;
- the model of forming professional skills of future specialists of fine arts through ecodesign technology was developed, criteria and levels of indicators were defined;
- the method of forming professional skills of future specialists of fine arts using ecodesign technology was developed and the effectiveness was proved in practice.

Practical significance of the research:

Supplements to the content of the programs in the following disciplines: "Design Basics", "Basics of Decorative Craft", active handouts for the courses "Methods of teaching fine arts" were prepared; a textbook "Ecodesign and Technology" for future specialists in the visual arts and drawing was published; the program of the elective course “Ecodesign and Technology” was developed, practical exercises for future specialists of the visual arts through ecodesign technologies in the conditions of a workshop and outside the workshop were developed.

Research materials can be used in teaching fine arts and drawing, art work, painting and drawing, design in secondary special and higher educational

institutions, as well as in institutions for retraining and advanced training of specialists.

The following statements will be defended:

1. Formation of professional skills of future specialists of fine art through eco-design technologies involves theoretical substantiation of constructional-technological, plastic features of making decorative craft products from eco-design materials, possibilities of using eco-design materials in order to develop professional knowledge, professional activity, professional activity, artistic thinking skills, enterprise formation, professional mastery.

2. Eco-design technologies are the most important means of forming the professional skills of future specialists of the fine arts, as traditional and modern technologies, eco-design materials and features of their manufacture, the sequence of processing types improve professional activities, knowledge of techniques and technologies of traditional art, increasing the level of professional skills in work with various natural materials.

3. Through eco-design technologies, the unity of motivational, content, activity, and reflexive components of the formation of professional skills of future specialists in the fine arts is characterized by the identified criteria, levels and indicators.

4.The program of the elective course, methods of group work based on updated knowledge content, critical thinking strategies, interactive learning, introduction of traditional and innovative methods of teamwork into practice form the basis of the methodology for the formation of professional skills of future fine art specialists through eco-design technologies.

Validity of the research results. It is determined by the theoretical and methodological foundations of the dissertation research, the correspondence of the research content to the scientific apparatus, a sufficient number of future specialists of fine arts participating in the experiment, training of theoretical principles and mathematical verification of the processing of the research results.

Research stages: at the first stage (2015-2016). The theoretical base of the research is determined. Collected and systematized materials for the affected problem created by the scientific apparatus, integrates and summarizes the best practice of teachers and developed the experimental program. The technological sequence, features and value of production of products from wool materials are considered.

In the second stage (2016-2017). Materials related to the content of ecodesign technology, introduced into the educational process, and the production of fashionable products from it were selected. The model of forming professional skills of future specialists of fine arts through the manufacture of products from woolen materials, defined criteria and indicators. Experimental work was carried out, theoretical significance of the study was carried out in practical classes.

At the third stage (2017-2018). The results of the study are systematized, the data have been mathematically processed, recommendations and conclusions are given, The used literature is systematized. The dissertation was issued, processed as a scientific work.

Research base: Practical experiment was held at the Abai Kazakh national pedagogical university at the Department of Theory and methodology of fine arts and sports (5B010700-"Fine arts and drawing"). 51 students took part in the experiment, 26 of them in the groups of the experiment, 25 – in control groups.

Testing and implementation of research results into practice.

The main provisions and results, conclusions of the thesis are published in 14 (fourteen) works, including 3 articles published in scientific journals recommended by the Committee for control of education and science of the MES, 1-in foreign publications included in the base of Scopus (Opcion (Venezuela), 5-in the collections of international scientific conferences, 3-in international scientific conferences near and far abroad (Novosibirsk, Ukraine, Turkey), 1 training manual was published

The results of the study were covered in the media (the show "Benefits of kyiz clothes" was shown on TV program of "Ulttyk nakysh" on channel "Asyl arna" (2016).

The structure of the dissertation. The thesis consists of an introduction, two Chapters, conclusion and list of references, Appendix.

In the introduction, the relevance of the research, the scientific apparatus: object, subject, purpose, hypothesis, objectives, leading idea, methodological and theoretical foundations, research stages, sources, research methods, research base were defined,

In the first chapter "Theoretical bases of forming professional skill of future specialists of fine arts through ecodesign technologies" the model of forming professional skill of future specialists of fine arts through technologies of theoretical bases of a research problem was developed.

In the second chapter "Methods of forming professional skills of future specialists of fine arts through ecodesign technology" gives the content, forms and methods of teaching professional disciplines in the educational process of the university and the forming professional skills of future specialists of fine arts through ecodesign technology; in the form of a diagram reflects the levels of knowledge of experimental work: identification, formation, control, results.

In the final part the basic principles, research results are formulated, scientific and methodological recommendations are given.The practical material used during the research is presented in applications.