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THEORETICAL AND METHODOLOGICAL BASIS OF ENVIRONMENTAL TRAINING AT HIGHER EDUCATIONAL INSTITUTIONS

The problem of environmental education today went beyond national boundaries and gained international significance. Experience of Western countries in the implementation of greening training for 25-30 years is preceding national measures, so with the transition to the principles of the Bologna process in higher education, our education system had to take all the positive elements of ecological disciplines, areas of training lecturers, teachers and general public.

Keywords: sustainable development, education for sustainable development, environmental (ecological) education, environmental training of university students.

Formulation of the problem and its relevance. The quest for reliable knowledge – not just information, it's a desire to attain true wisdom cognitive outcome through experience. How would teachers not operate refined knowledge – does not work – in children's eyes a light of doubt and skepticism shines, if not supported by knowledge or incompatible with existing reality [5, p.23].

Education is integrated field studies, interdisciplinary approach and system analysis. In this context, it should be not only the foundation of pedagogical culture, but also the social life of the state. According to the law of the first B. Commoner, «Everything is connected to everything» goes, the more wisdom, more likely true knowledge will become effective by further development of national cultures and all civilization as a whole. The history of education is the process of transformation in the human personality. Knowledge is the result of knowledge, which has always wished Man, getting him in agony and carefully, or suffering from speculation and predictions that crystallized in faith [2, p. 516].

Wisdom can not do without knowledge, but whether all knowledge leads to wisdom? Solving this problem is of paramount importance for modern educational process, which is characterized by rationalization of cognitive activity without appropriate registration and spiritual development component and higher values of life. Wisdom of Socrates was that he was not taught, and learned from him. Today he is remembered when talking about human dimension of education, because he first drew attention to the harmony of pedagogical process, stressing the «divine grace of true wisdom», which can be transferred only in a friendly, tolerant communication [2, p.526].

Are the current training activities those ancient criteria? Man in activity must be guided, if not by wisdom, at least by mind, which is necessary for educators to form, educate, bring up tenderly. And then there is a problem of education. To what extent do we implement this important aspect in relation to the younger generation? Who and how acts in 20-30 years: manage, perform professional tasks? Past national pedagogical methods were built on smart strategies that separated theory from practice, preferring the latter. They formed a practical and rational person who created these man-soulless fools the world [4, p. 97].

Analysis of recent research and publications. To remedy this situation we are oriented to knowledge in which the priority is the spiritual development of the world, that is wisdom, which is an integral part of the spiritual and advances effective rationalism and be sure it balances [6, p.3]. Western European rationale being opposed cordial centric concept of training and education of the Slavic peoples. According to ideas of famous philosopher H. Skovoroda, the level of spiritual wisdom is determined by heartfelt feelings. In his words: «A man to be wise is to achieve its objectives, guided by cordial knowledge, integrity», is manifested actively in daily life, not only in the ability to organize personal affairs in accordance with the boundless selfish purposes [7, p.77].

The process of becoming a wise individual must necessarily take into account the emotional factor, knowledge of the heart and only on this basis, acquire professional knowledge that is activity of mind in theory and in practice it is based on the heart and soul sphere [1, p. 21].

Today in our society and in the world as a result of the industrial revolution and the establishment of market relations, the type of person is formed, which is a sign of rational behavior, lack of moral values for a particular purpose. It is a businessman, a businessman professor, a manager etc. All of them can be attributed to market and technological era, extroverts, rational egoists, whose feeling, emotions lost significance value.

If they use them, it is only to achieve the goals. In terms of ethics, people without values, without a soul, a heart [3, p. 54].

Therefore, today's youth can understand that it passes through the active influence not inspired, knowledge falls under the principle soulless head and finally it gets super refined robot, adjusted to automated artificial environment. Successful operation of some 100 religious denominations in Ukraine can be explained by this phenomenon because young people need psychological recovery, even treatment, and with the rehabilitation they get a dose of «ideological drug» and come often dependent on unscrupulous Messiah.

The detrimental nature of the current era have noticed M. Berdyaev, who wrote: «The human soul can not withstand the speed that is required from its present civilization. This requirement tends to turn a man into a car. Technical civilization is inherently imperialistic, it does not want to know the person. Activist and entrepreneur is a product of alienation from nature, the transformation of «warm the soul society» concerned with social status, cold, saving civilization».

As soon as a person falls within the scope of engineering and technology, culture replaced by technology culture techniques of social engineering, political technology. Growing decline of culture and replacing it with a solid incivility, «vspa culture» total relativism with recurrent animal instincts, advertising violence, depravity and cruelty. But along with world globalization processes activated by the action of raising man to spiritual heights. Popular slogans are «market economy should be, not society», «The government does not have to mean violence against anyone and power over him». In this process, one of the main roles is allocated to education, which should imbue society humanistic environmental content that will help overcome the current transformation of state philosophy and spirituality.

The task of the learning process is the formation of ecological ideals aimed at harmonious existence in the future, for which civilization has created a cultural foundation to be reinforced by balanced eco-safety development, eco-minded, conscious personality, moral and ethical society, ecological production. Meanwhile, knowledge and science play a decorative role in governance, society practically no program of development of the state, or some of its branches, was not in serious scientific testing, not to mention their development without the active participation of scientists.

If in Soviet times, the government deemed it necessary to at least «sanctify» the science of such plans, the recent years in Ukraine forgot about this practice altogether. The officials now endless: they through trial and error, based only on their own, not always competent understanding, make strategic plans for the development of highly ravaged country. The teacher from Mykolayiv region aptly used the well-known expression of A.S. Pushkin concerning Ukrainian reality: «Ukraine is the land of perpetual reforms - senseless and merciless.»

The main material. Today's economy, not the environment is a stimulus of political, social events, it is the God of modern man. Three or four decades ago, the biggest contests in high school were the following: students of natural faculties would all become physicists, chemists, mathematicians, biologists. Currently, the lion's share of students - future economists, managers, marketers, bankers, accountants, financiers, despite the fact that the economy is not growing actively and effectively using large national capacity.

Reducing the rate of progress, major scientific developments thrown away Ukraine back in the country ranking of countries with technical and technological status, far behind Japan, China, Korea, not to mention Western Europe and the America. The state fell into a drift Economic Area as raw material, resource providing «colony» of transnational corporations. Latest threw us consumer goods to Ukrainian thought about their own competitiveness and lived in coordinates «economic temptation», «donated» in exchange for a valuable commodity future prospects.

Absolute role of money in society leads to the perception of it in terms of corruption of all. The slogan «you can buy everything» includes «everything can be sold». The danger of this situation is the loss of an extent limits that should be in terms of ethics and morality. Law, public opinion, justice, love can not depreciate, but may take the form of property and goods provided to specific individuals, especially those in key positions and positions in government, responsible for the fate of the people and the state in general. Obviously, the world becomes more dynamic, changing knowledge, technology is faster than the written curricula and educational institutions are increasingly worried about the renewal of the educational process, while harmonizing all its levels.

The acquisition of a certain amount of knowledge remains at the core of modern education, which has a number of problems, including: insufficient clear definition of basic knowledge, immediately generated

bizarre phenomenon of training courses, faculties, even pre-university training institutes like everyone has just arrived from abroad and decided study in Ukraine; efforts in schools and universities, to achieve mainly rote knowledge without proper deep dive into them empathly. Along with learning basic or regulatory disciplines that should be viewed in the direction of reduction and implementing interdisciplinary, integrated approaches, we must teach students to independently acquire knowledge, information, work in need to lifelong learning, as prescribed by the principles of sustainable development.

Teaching in higher education must necessarily accompany the participation of students in scientific research, projects, self-supporting work, but not formally, as it is often done in high school. By teaching sometimes random people are involved: not teachers, not researchers, and among the influential there are those who wanted to get into power, money is also a professorship.

The acquisition of knowledge is still usually going to successfully pass exam, test, that is, for the evaluation of the student's record book or report card. There is only one solution: to transform learning activities into organic problematic because of learning effectiveness, the use of dialogue, discussion, practice. A striking example of the fallacy of our education is the study of foreign languages. Whoever taught them in public schools could not demonstrate ability to use them. The reason is a lack of effective, practical training! We laid out a detailed grammar, but not taught speech, practice language, because the learning process is the goal pursuing practical mastery of it. Unfortunately, this is not an exception in the system of education, as a typical example of the imperfection of methods of development of the subject.

Similar deficiencies exist in the study of other disciplines where students can not apply their knowledge to analyze specific especially precarious situation; weak aspect of interdisciplinary knowledge to review past and current events, the causes of current crisis of society (environmental science, law, finance, economics, politics, history, religion). This process is particularly ominous in an environment where society is moving to a new quality of development - public knowledge when deciding factor will be highly spiritual knowledge, basing on which responsible and professional competence will be applied by all members of society. Having formed a personality capable of making predictable changes, you can build a competitive country.

Conclusions and recommendations. As a result of educational research a theoretical and methodological improvement of the system of environmental education in higher educational institutions has been developed (Table), which will set a specific goal: to train professionals able to solve the ecological crisis in terms of complex environmental problems; choose environmentally viable strategy for economic and social development; develop the effective energy saving technologies, environmental protection measures in accordance with the balanced, ecosafety area development and the country as a whole.

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Теоретико-методологічні основи екологічної підготовки фахівців у вищих навчальних закладах (частина 1)

Проблема екологічної освіти нині вийшла за національні межі і набула міжнародного значення. Досвід західних держав у впровадженні екологізації навчання передує національним заходам на 25 – 30 років, тому, разом з переходом на принципи Болонського процесу у вищій школі, вітчизняна

система освіти мала б прийняти позитивні елементи екологізації дисциплін, напрямів підготовки фахівців, викладачів, учителів та широкої громадськості.

Ключові слова: сталий розвиток, освіта для сталого розвитку, екологічна освіта, екологічна підготовка студентів ВНЗ.

Т.В. Саенко

Теоретико-методологические основы экологической подготовки специалистов в высших учебных заведениях (часть 1)

Резюме.Проблема экологического образования сегодня вышла за национальные границы и приобрела международное значение. Опыт западных государств во внедрении экологизации обучения предшествует национальным мерам на 25 - 30 лет, поэтому, вместе с переходом на принципы Болонского процесса в высшей школе, отечественная система образования должна принять положительные элементы экологизации дисциплин, направлений подготовки специалистов, преподавателей, учителей и широкой общественности .

Ключевые слова: устойчивое развитие, образование для устойчивого развития, экологическое образование, экологическая подготовка студентов вузов.