

ABSTRACTS

Bokareva G., Bokarev M.

The experience of a predictive practice in frames of complex “lycée – higher educational institution” as a source of scientific pedagogical theory

The article describes the pedagogical experiment (1991-2016) on the foundation and development of the industrial multipurpose ungraded school (lycée) in the integrated educational research complex “Lycée – Higher Educational Institution”. The story of this complex is described through the social needs of personality in frames of phylogenesis (integrally with the historical development of the environment of its functioning) as contrasted with the plenty of other complexes, educational centers and adaptive schools where the up-bringing theory being structured through the social needs of personality in frames of ontogenesis (Arnautov A.V. , Gostev A.G. , Glushkov V.F. , Kapustin N. P. , Yamburg E. A.). The sequence of development of a new scientific knowledge is described as a function of its previous condition, the reorganization of the same is implemented through the “Intellectual Technology of Compliance” (Bokareva G.A., Kuznetsov V.I.).

Keywords : multifunctionality; professional orientation; educational scientific complex; dual pedagogical system; culture of creativity; outsider; philosophical reflection; openness of a pedagogical system; essence of pedagogical processes; vocational education; regional social and educational environment, determination; educational reforms’ risks; “Intellectual Technology of Compliance”; philosophy of didactics; ungraded schools.

Kostrikova N., Yafasov A.

Amber Academy: new approaches to the organization of amber sectorial education

Based on the analysis of the current state of amber industry in the world and its development trends, importance of creation of Amber Academy in the Kaliningrad region –as a social system of continuing education in technology and social entrepreneurship is shown. The Amber Academy may become a unique educational establishment offering a system approach to training professionals for the amber industry, exploring amber components and substances, accumulating current knowledge about amber; and an intellectual center of a foresight for the amber industry, providing introduction of Hi-Tech in the context of the National Technology Initiative (NTI). Innovation studies which must be driven by the Amber Academy will allow changing development pathway of the world amber industry by opening new opportunities for using one the oldest and understudied minerals of the Earth in different sectors of industry, agriculture, tertiary and everyday human activities.

Amber Academy is a Mega co-working for Russian and foreign entrepreneurs, jewelers, engravers, designers, artists and other people of creative occupations, by organizing a self-developing society of “amber entrepreneurs” and by facilitating access for individual entrepreneurs ,micro- and small enterprises and consumers to new technologies and amber products markets

Keywords: amber; manufacturing of amber goods; high-tech, innovations; AmberNet market; business awareness; knowledge-driven economy; the Kaliningrad region; markets of the future; public-private partnership

Moiseenko S.

Simulation games as means of intermediate certification undergraduate students

In the article the method of intermediate certification of students and assess their level of ready - to organization and management of multimodal freight through the use of simulation / business games . We present scenario simulation games and the technique of its implementation, the calculation of assessment of the level of formation of competences Data pedagogical experiment

Keywords : intermediate certification; simulation game; the competence; the integrated assessment of knowledge and skills

Tamarskaya N.

Consulting feature professional-pedagogical expert communities

Is considered one of the important functions of the professional-pedagogical expert communities - consulting function, justified its relevance and impact on the development of innovative educational organizations

Keywords: consulting; consulting function; professional and educational community; expert communities; expertise; features expert communities; modernization of education; innovative development of educational organizations

Lizunkov V., Malushko E.

Professional developing and administrative supporting teachers as significant components of reforming educational system and implementing CDIO approach

The paper examines peculiarities of CDIO approach that affect the success of organizational changes in the system of engineering education. Particular attention is also paid to supporting pedagogical activity and improving qualifications of the teaching staff of engineering high school off- and on-the-job teaching practice. In the course of reasoning there are presented the ways to use the existing experience and open resources available on the CDIO website for the successful application of CDIO approach to engineering education.

Keywords: CDIO; engineering programs; open resources; professional pedagogical development; cooperation.

Grebenuyk T., Sashneva O.

Diagnosis of trusting relationships in the educational environment

The problem of pedagogical diagnostics of confidence in the educational environment of high school, the author's approach to the justification and development of a set of diagnostic tools for the detection of a trusting relationship in the "student-student" system, "student-teacher", "student-university"

Keywords: trust; diagnostics; diagnostic confidence factors; educational environment; diagnostic tools

Serykh A., Saharova E.

Parent participation: overview of semantic contexts and normative legal justification the introduction of the term

The article provides an overview of the semantic contexts of the concepts used today in describing the role of a parent as a subject of family-school relations, the concept "parent involvement" as a separate term in the study of processes of adaptation of the child at various stages of schooling, are given legal justification.

Keywords: adaptation; regulations; parental involvement

Doronina J., Kiseleva E., Komovnikova G.

Competences and competency as conditions improve the quality of human capital

The article describes about management the performance of labor using the balanced scorecard. Efficiency of labor is enhanced through the implementation of unique individual abilities of the people. Building a competency model is considered as a systemic solution of problems in human resource management

Keywords: performance; efficiency; competence; competency; model

Kovalishin P.

The conceptual analysis as a component of professional competence specialists in philology

The paper considers the basics of conceptual analysis which is an integral part of the formation of professional competence of specialists in philology. This analysis allows investigating units of the linguistic and cognitive views of the world

Keywords: professional competence; language; linguistics; philology experts

Rovenskih O., Lutsenko N.

Grammatical aspects of the english language as a means of optimization of learning

The article presents a comparative analysis of the definitions of the term " grammar" ; are discussed various approaches to the study of English grammar ; are studied the place of grammar in the learning process

Keywords: grammar; grammatical meaning; grammatical skills

Shkapenko T.

Interjections as an object of interdisciplinary studies

The article focuses on the changes in qualitative and quantitative structure of interjections in Russian public media space. Their dependence on character of an administrative regulation of emotional behavior in society is postulated. Need of joint psychological and linguistic studying of process of growing interjectivisation of public media space is proved

Keywords: interjections; emotionality; emotions

Bugakova N. Dzhereleyko S.

Evaluation criterion of collective responsibility of employees of small businesses

As an ultimate goal of intra firm training is formation of the personality, actively, competently and effectively participating in economic and social life of the enterprise, formation of collective responsibility of employees of small business enterprises important for labor productivity increase, for the solution of economic problems in the conditions of the competition, proceeding from the purposes, the contents, methods of an assessment of intra firm training, also criteria of an assessment of level of collective responsibility during professional training as means of intra firm training are defined Thus, it is possible to claim that criteria of an assessment of level of collective responsibility during professional training allow solving partially problems of activity of firm.

Keywords: intra firm training, professional training, collective responsibility of employees of small business enterprises

Vavilova L.

On the issue of labor law development in the aspect of impact on personnel management

The basic issues of legal regulation of labor and other relations directly linked to them, conducted analysis of contemporary Russian labor legislation in view of law enforcement at the level of training "specialty" and "magistrate" in the field of personnel management

Keywords: aggregate labor law; stage of reform; professional competence; and labor law

Tamarskaya N., Lisichkina G.

Modeling software development competencies of teachers in the process of training in educational organizations

The problem of modeling of teacher training programs in terms of their focus on the development of specific teacher competencies (especially new ones) demanded modernization of education

Keywords: competence of teachers; skills development; modeling program of teacher competencies; integral-differential, competence approach

Ignatyeva O., Kiseleva E., Krekova M.

Labour migration: current aspects and state regulation

In this article migratory processes in modern Russia are considered. The role of foreign labor in development of domestic economy is defined. The key directions for improvement of a standard and legal regulation of labor migration are set.

Keywords: labor migration; foreign labor; economy; manpower; labor market; state policy; migratory crisis

Lizunkov V.

The adaptation and application of CDIO approach on the example Yurga National Research Tomsk Polytechnic University Institute of Technology direction

The article describes the features of the adaptation and application of CDIO approach YUTI example TPU, which can be important for educational programs and high school students. Particular attention is paid to the twelve main factors, which are guidelines for reforming higher education. During the three stages of the reform was given: the right start; creating a driving force for major events; propagation of changes to other units. Reforms include: analysis of the questioning of students, graduates and employers; support for early adopters; involvement of students as change agents; resource provision; teacher training; recognition and promotion of employees

Keywords: adaptation; CDIO approach; engineering education; principles; factors of formation; Bachelor of Applied

Barkovskaya L., Kostrikova N., Yafasov A.

Extended engineering education arranging for children in the context of the National Technology Initiative

Some new approaches are examined in the further education of children and youth in science, engineering and technology enterprise, taking into account new markets emerging in the global economy. It is shown that so called "crystallization centers" - children and youth centers of innovation in the Russian regions - can become distributed children's techno parks (DCTP), enable the development of a sustainable multi-level integrated engineering entrepreneurship at an early age of the education system. Distribution of the techno parks provides effective integration mechanism of public-private partnership with the maximum use of existing training - industrial and scientific - technological infrastructure of its creators, minimizing capital costs. DCTP in cooperation with organizations of secondary and higher vocational education, engineering, business community and business structures ensure the implementation of a new generation of additional education programs and anticipatory focus on training, development of scientific-educational and creative environment. A special feature of the proposed approach is to identify the system and further support of gifted children in the field of natural and engineering sciences, the development of the engineering business class in the country competitive in the global economy of the future

Keywords: additional education; National Technology Initiative; quantoriums; future markets; public-private partnership; NBICS-technologies; network interactive laboratory

Barkaeva I.

Forming of individually-psychological new formations in the structure of personality of

In the article individually-personality new formations are examined in the structure of personality of students-psychologists in the process of educating in institution of higher learning. Functional components are presented: motivational, communicative, judicial, emotional, reflection

Keywords: Functional components: motivational, communicative, judicial, emotional, reflection, personality-activity approach; competence approach

Karpov G.

History of development of didactics of professional education

The main stages of formation of didactics of professional education are given in article and it is indicated the need of her development in the conditions of today's reforming of an education system of the Russian Federation

Keywords: reform; didactics; education; training; teaching art

Klementsova N.

To the general cultural competency development of the higher vocational school graduates: review of the norm setting documents

The review of the norm setting documents in the field of education is undertaken with the aim to demonstrate a natural emergence of the general cultural competency concept in the theory and practice of higher vocational education

Keywords: general cultural competency; competency-based paradigm; modernization of education; federal education standards

Karpov G.

University training of the expert of the professional

The model of the expert of the professional, graduate of university is given in article. It the author sees him. Also comparison of institute and university educations is given in

Keywords: reform, the higher education, didactics

Moiseenko S.

Formation of systems thinking as a condition fundamental nature and the professionalization of assimilated knowledge

Topical issues of improving the level of fundamental nature and the professionalization of digestible subject knowledge in the preparation of specialists-sheets of water transport and fishing fleet. It is shown that a prerequisite fundamental nature and the professionalization of knowledge is the formation of the trainees systemic thinking. As scientific tools to solve this problem adopted methodological Guia systematic approach and, in particular systematic analysis. To implement the principle of unity of the "fundamental nature" and "professionalization" of knowledge there is needed-the bridge design / selection of technologies and techniques of training focused primarily on the development of systems thinking and analytical competence. To this end, it has developed an experimental work program on the subject "Design and management of multimodal transport." A mo-muzzle model in which a subject, and the organization of its study are presented as a system. The results of the practical implementation of the course of the pilot program

Keywords: systems thinking; systems analysis; fundamental knowledge; module; design; pilot program

Alekseeva E.

Features of teaching the topic "Rows" in the discipline of higher mathematics at the university

It proposed a fundamentally new approach of teaching certain subjects in the "Rows" section in the discipline of higher mathematics, based on the principles of continuity, clarity and creativity in the framework of independent work of students

Keywords: numerical series; lambda function; series expansion

Pets A.

To the development of didactics of computer algebra technologies

The problems included in the pedagogical process of digital technology containing elements of artificial intelligence. The concept of internal and external manifestations of user software intelligence. The tools of intellectual activity classified computer algebra systems, virtual instrumentation. Is proposed to describe the interdisciplinary connections in physics and mathematics to use graph theory

Keywords: computer algebra; virtual instruments; transfer of digital technologies; engineering pedagogic

Smurygin S.

Application control and assessment materials in the educational process

The problems of the development and application of control and assessment materials in physics intended to assess the level of knowledge and are the basis of the fund evaluation tools

Keywords: control and evaluation materials; control of knowledge; testing; test development

Danilenkova V.

Cognitive, psychological and social risks in the environmental educational environment Technical University

Results of research of risks in the ecological educational environment of technical college depending on organizational, material, information conditions are staticized. It is shown that quality of life of the student when training in higher education institution is defined by his habitat, i.e. the ecological educational environment of higher education institution and depends on informative, psychological, social risks. Conclusions are drawn that research of informative, psychological, social risks in the ecological educational environment of technical college is an important factor of development of higher education institution as the complete interconnected pedagogical system.

Keywords: ecological educational environment; risks, organizational; information conditions

Odincov V., Odincov V., Sviriduyk N.

Non-stationary distribution modeling method the temperature in the cylinders of the fishing fleet of diesel engines

The processes of mixing and combustion. A new model for calculating the temperature of the working fluid in the combustion zone.

Keywords: preparation of graduates of the specialty "Operation of ship power plants»; the processes of mixture formation and combustion method of calculating the local temperature in the combustion zone

Derendyaeva T.

Socio-pedagogical features of the integration of humanities and engineering education in the preparation of marine specialists

Discusses the need of improving the system of training of specialists capable of new technological solutions based on the integration of different areas of knowledge. Noted the importance of unity of technical and humanitarian component in the training of specialists for the fishing fleet

Keywords: competence; education; trends; technical education; economic education; competence approach

Mongina F., Samsonova N.

Public diplomacy as expertise military expert

The authors describe the means of public diplomacy as a necessary component of a positive image of the state; characterize the content of the professional competence of the military expert

Keywords: public diplomacy; the professional competence of the military expert; interaction with subordinates

Bylkin V.

Features of ethnic tolerance at pupils of cadet classes of the exclave of Russia

In article results of an empirical research of features of ethnic tolerance of the studying four cadet classes of Kaliningrad, which is in the eksklavny territory of Russia. Are provided the battery of test techniques from 4 components, one of which is authoring development, was used. Results show that there are authentic distinctions on some elements of ethnic tolerance between probed groups; however the component level of ethnic tolerance is insufficiently high. The obtained data are of interest of specialists in educational work in institutions of education

Keywords: ethnic tolerance; ethnic erudition; cadet classes

Buksha L.

Spiritual and moral development of students - psychologists ON STAGE Introduction to the profession

The article describes the features of professional work of the psychologist; It addresses the need for the organization of conditions for spiritual and moral development of psychology in the context of professional education. We present some aspects of the developed program "Climbing to spirituality - the basis of the profession of psychologist", which aims at the spiritual and moral development of psychology students at the stage of introduction into the profession

Keywords: occupation psychologist; professional formation of the psychologist; professionally important qualities of the psychologist; spiritual and moral development

Kasymov R.

Social service technologies for older people at the modern stage of society development

The Article describes the modern issues of social protection of older citizens. Solution of problems of social well-being of older people in contemporary society. Nowadays social problems in Russia must be addressed by improving the quality of life and standard of living of the elderly

Keywords: the older people; social protection; social support; socialization of the elderly

Kim O.

Competence formation technology of cross-cultural business dispute of an entrepreneur

The "Business English" course content has been supplemented. External economic activity is assumed to provoke international business disputes. The implementation potential of legally consolidated dispute resolution by means of mediation has been taken into consideration. A modern entrepreneur is supposed to be able to join mediation procedure with opponents belonging to another business culture which is held in English on the basis of judicial document "Amiable Dispute Resolution Rules" of The International Chamber of Commerce. Gaining the lexis, speech behavior patterns, knowing mediation procedures and their document support are beneficial for developing the ability of arriving at negotiated settlement of dispute which is a must for responsible participation in cross-cultural dispute resolution

Keywords: business English, cross-cultural business dispute; commercial mediation

Reznikova T.

Educational-communicative tasks as a means of forming competences for intercultural dialogue students

The article deals with topical issues of modern higher education, task approach in teaching, the problem of forming the competence of intercultural dialogue among students

Keywords: intercultural dialogue; dialogue of educational technology; teaching and communication tasks; and intercultural communication

