



ABSTRACTS

Bugakova N., Iurje I., Shinkareva N.

Method and implementation of didactic possibilities of pedagogical bases

The methods of effective and effective teaching are considered taking into account the ergonomic characteristics of the educational environment of the university

Keywords: innovation, methodology, ergonomics, educational environment

Kostrikova N., Lipskaya A., Yafasov A.

Issues of training professionals for the industry on the example of the amber industry in Russia

The issues of training professional for enterprises of the amber industry are considered. Modernization and cauterization of the amber industry enterprises, the digitalization of the economy place demands on production and technical personnel and management. In a turbulent economy the key competencies of managers of the amber industry enterprises are: ability to predict promising directions of the technologies and the development of product lines, the emergence of new professions, the mediation abilities. The main requirement for production and technical personnel is the ability to quickly learn the new technologies and adapt to the new production conditions. It is shown that the digital economy actualizes the development of the mediation institute. The creation of a modern practice-oriented convergent training system for the amber industry was proposed, taking into account the continuous modernization and diversification of production and the need for mediation support of projects.

Keywords: amber industry; the digitalization of the economy; new professions; conflict situation; mediation; case; innovation; network converged learning

Podreiko A.

Methods of correlations and regressions analysis in pedagogics researches

Main aim of this paper is description some methods of correlations and regressions analysis of probability theory in pedagogics researches. Described some pedagogics experiments. Taken results interoperated in «pedagogic plane»

Keywords: correlations coefficient; statistical methods; scales; pedagogics research

Tamarskaya N.

Possibilities for the formation of universal and general professional competencies for graduate students in the process of preparing a teacher-researcher

The content of the universal and general professional competencies of graduate students is characterized, which are formed in the process of preparing graduate students. Formation of universal and general professional competencies of graduate students is considered in the process of teaching the discipline "Pedagogy of higher education", which is the basis for the preparation of a "teacher-researcher"

Keywords: universal and general professional competence of graduate students; research teacher; the content characteristic of the universal and general professional competencies of graduate students

Grebenyuk T.

The organization of scientific and pedagogical dialogue in the university

The content of the concept of "scientific and pedagogical dialogue", the structure of such a dialogue, its functions and place in the process of mastering students, the principles of the organization of scientific and pedagogical dialogue at the training sessions at the university

Keywords: dialogue; scientific and pedagogical dialogue; principles of the organization of scientific and pedagogical dialogue

Sikorskaya L., Lebedeva N.

Socio-cultural socialization of youth in the process of volunteering

The article deals with socio-cultural problems of voluntary activity as a means of socialization of modern Russian youth. Experimental and own data of the author testify to a special role of studying of socialization of modern youth as process of formation and development of the personality, as humanistic practice of social activity

Chuksina I., Zhao Tszinnan.

The problem of the formation of intercultural competence in the process of teaching foreign students

The article is devoted to the formation of intercultural competence of foreign students of technical universities in the process of professional training. The estimation of a condition of a problem and a degree of its development is given in the context of professionally-oriented teaching of a foreign language

Keywords: intercultural competence; professionally oriented Russian language

Alekseeva E.

The concept of additional teacher education in the system of additional vocational education

The main provisions of the concept of additional information education of the teacher developed by the author in the system of additional vocational education, its principles, goals and tasks are presented. The research methods and essence that were used in constructing the concept are presented

Keywords: additional professional education of the teacher; additional information education teacher; concept; core; research methods; principle; target

Gerasimova A., Skopich D.

Comparative analysis of staffing innovations

That's the results of a comparative analysis of modern personnel innovations applied in the process of hiring; adapting and training personnel of organizations are presented. The analysis of the advantages and disadvantages of staff innovation will make the process of selecting easier and choosing the most optimal instrument with taking into account the needs of practice

Keywords: personnel innovations; adaptation; personnel training

Goryaeva S.

Interdisciplinary questionnaire, as a tool for measuring the baseline level and the formation of a general cultural competencies of the student

The issue of justifying the application of an interdisciplinary questionnaire as a tool for measuring the baseline level and the formation of a general cultural competence

Keywords: competence measurement; interdisciplinary questionnaire; scientific analysis of the formation of general cultural competence; psychological maturity of personality

Malik A., Chikunova N.

Pedagogical conditions of training of persons with disabilities

The article deals with pedagogical conditions, the creation of which is necessary for the organization of training of disabled persons and persons with disabilities under the programs of secondary vocational education

Keywords: strategic goal; concept of education modernization; pedagogical conditions; adapted educational program; teaching methods; distance learning technologies; information support



Mineeva O., Borschevskaya Yu., Kozlova E.

The main motives for learning a foreign language

The article offers an overview of Russian and foreign studies on the problem of motivation. The role of motivation in the process of learning a foreign language is defined. The essence of the leading motives for studying a foreign language is disclosed, well-known classifications of motives are considered

Keywords: foreign language; motivation; motive; extrinsic and intrinsic motives; academic motives; instrumental and integrative motives

Murzakova O., Tretyakov A.

Methodical service of the educational organizations in the implementation of the FGOS

This article discusses the role of the methodical service in the professional activity of the teacher when using any of the methods, methodological support of professional activity of teachers is focused on the quality of education. The main purpose of methodical service in the conditions of innovative educational space is designated. The advantages of scientific and methodological support in the educational organization are reflected. The functions of scientific and methodological support of educational process in preschool and educational organization are described. Special attention is paid to methodological support of teachers, developed on the basis of experimental work between the Moscow state regional University and educational organizations of Moscow region. The role of the methodical service in improving the quality of education is presented

Keywords: methodical service; methodological support; quality of education; effective activities; the introduction of standards; management activities; a special set of practical measures

Petrushchenkov A., Kuzmin S.

Organization of schoolchildren's activity in the framework of the program of additional education in robotics

This article examines the organization of schoolchildren's activity in the framework of the program of additional education in robotics based on ARDUINO kits and modules, which is aimed at forming the basic engineering competencies and includes the main stages of developing technical objects for participation in robotic competitions, the criteria and features of the system for evaluating the planned results of training programs presented direction

Keywords: engineering competencies of schoolchildren, educational sets ARDUINO, project-oriented training, robotic competitions, criteria for evaluating the results of robotic competitions

Samsonova N., Korneva I.

The scientific heritage of the Königsberg School the exact sciences in the field of crystallography

The article analyzes the activities of the representative of the Königsberg School of the Exact Sciences Arthur Moritz Schoenflies, who contributed to the formation of such areas of scientific knowledge as geometry, kinematics, topology, application theories and crystallography. Particular attention is paid to his work in the field of crystallography. Arthur Moritz Schoenflies was in close contact with the Russian crystallographer, mineralogist, mathematician Evgraf Stepanovich Fedorov, who is the founder of structural crystallography. Their interaction led to the solution of a number of problems in the field of theoretical crystallography. In addition to his scientific work, Schoenflies also conducted pedagogical activity, continuing the traditions of the University of Königsberg

Keywords: education; physics; crystallography; scientific traditions; Königsberg University

Konyushenko S., Zhukova M., Mosheva E.

STEM vs STEAM -education: change understanding of how to teach

The article is devoted to the content of modern approaches in education. The characteristic features of the concepts STEAM, SEL, PBL are analyzed. The experience of introducing these concepts in different countries is presented

Keywords: concepts; STEAM; SEL; PBL

Hasanova Leyla Kazim gizi

Personal qualities of the teacher of mathematics as a professional factor

The article deals with psychological features in the preparation of a mathematics teacher, the parameters of pedagogical culture, the pedagogical abilities of a mathematics teacher, suggests ways [pedagogical and psychological conditions] for the formation of the pedagogical competence of future mathematics teachers

The new pedagogical thinking of the teacher of mathematics has an objective component, the focus on solving the pedagogical and psychological problems of teaching pupils to mathematics - on their analysis and diagnosis, on highlighting the key problem. It is necessary to form a professional-pedagogical intellect, for which mathematical intellect is a means of solving the problems of mathematical training and education of schoolchildren

Keywords: education; teacher of mathematics; psychological basis of teaching; pedagogical competence of the teacher

Ermakovitch S.

The effects of gender stereotypes on the formation of general cultural competence

The article touches upon linguistic displays of gender as a culturally conditioned mental construction and demonstrates defamation of women in social mind

Keywords: gender; concept; communication; cultural model; stereotype; sexism

Dorofeeva E., Novoselov K.

Comparative analysis of contemporary educational systems of Russia and foreign countries

In the context of reforming the Russian education system, it is necessary to integrate the most successful approaches to learning. The study presents the results of a theoretical study and the results of an analysis of empirical research data of students and cadets of the BFFSA (Kaliningrad), drawn conclusions about what could affect the quality and effectiveness of training

Keywords: education; educational system; comparison; analysis; foreign countries

Selek Dilek

Psychological and pedagogical conditions of use folk tales in the education of the child's culture in the system of pre-school education in Turkey

Turkey's cultural heritage is very rich. Works of folk literature is the art of words that expresses common feelings and thoughts and represents the cultural stratum of society. It is extremely important for the future of our nation to transfer the Turkish folk culture to the next generations, to preserve it and preserve it. Works of oral literature, used for the education of the next generation, are one of the main elements of pedagogy. The goals of the nation aimed at the future are closely related to the literature of this nation and how to transfer these literary works to future generations. Educators and parents are responsible for preserving and transferring the cultural heritage of our society to the next generations through literary works. The basis of these works are fairy tales, since fairy tales are used in children's education, they also have great significance in the pedagogical sphere. In this work, many factors are analyzed through the prism of the works of Turkish and Russian scientists: the importance of oral literary works, especially of fairy tales, which are felt in the education of children, genres of fairy tales, techniques and methods used in



telling fairy tales, what effect fairy tales have on children, types of tales that most like children, as well as what should be considered when choosing fairy tales

Keywords: child; education; children's literature; folk tales; ways; methods; cultural heritage

Ermakovitch S.

The role of cultural concepts and gender metaphors in the formation of general cultural competence

The article is devoted to the influence of gender significant concepts on communication and socialization of Russian and English speakers. There is also considered frequency of manifestations of different types of evaluation components in gender metaphors

Keywords: concept; communication; gender; stereotype; cognitive metaphor; gender metaphor

Potmenskaya E.

The talent practice management in the colleges of education in Russia

Purpose of the article is the student's talent practice management in the colleges of education in Russia. The agenda which is stated in this article is to study the background of the talent management. The article is based on the philosophic, sociologic, psychological and pedagogical literature in the field of discussed topic, the colleges of education site analysis in Russia. The performed work product is reflected in the number of articles in the stated theme

Keywords: the student's talent practice management; professional attempt

Ryadinskaya Ye.

Analysis of the features of personal manifestations of identity crisis among the people living in conflict situations

The article presents an analysis of personal manifestations of the identity crisis in the people living for a long time in conflict situations. The essence of the concept of "identity" of the personality and the reasons for its possible loss or negative change (identity crisis) under the influence of external circumstances are revealed. The results of the study of the identity status of residents living in the conditions of the armed conflict are presented. The conclusion drawn here is that under extreme conditions of life activity, the identity of a person undergoes a certain crisis, because psychological state of people changes, their sense of anxiety and irritation increases, and a holistic perception of reality is violated, which contributes to a distorted image of oneself and the others

Keywords: identity crisis; identity status; conflict; area of low-intensity shelling; area of intense shelling

Starovoit N.

Pedagogue's inclusive culture: informative characteristics of the notion in the context of Pedagogy of Individuality

The approaches of scientists about the description, components recovery, genesis of the phenomenon "pedagogue's inclusive culture" are analyzed. The author's view on the notions "professional pedagogue's culture" and "pedagogue's inclusive culture" is presented. The researcher's attitude of the review of inclusive culture in the context of Pedagogy of Individuality of Professor O.S. Grebenuk is targeted

Keywords: inclusive education; inclusive culture; professional pedagogue's culture; pedagogue's inclusive culture; pedagogy of individuality

Pugachev I., Yarkina L.

The article considers a possible variant of professional competence formation of non-linguistic directions MA training course students, who have received a bachelor's degree in a Russian university and have continued their studies in a magistracy. Given the limited time available, it is

proposed to focus on improving the skills of various types of reading on the material of texts that introduce the specifics of scientific activity and developing the competence of academic writing on the example of such genres as abstracts, summaries and annotations. The structure and content of the manual used for these purposes are outlined

Keywords: two-level system of education; professional communication; non-linguistic MA training course students; research activity; academic writing

Gerasimova A., Konopleva I., Konopleva V.

Assessment of the personnel of the organization as a training technology

The article is devoted to the peculiarities of studying the assessment of personnel in the training process, trained in the direction of 38.03.03 Personnel management. Based on the conducted research, recommendations on the ranking of actions by line managers and the personnel manager in the process of personnel assessment, on the study of innovative methods of evaluation were proposed

Keywords: personnel assessment; human resources manager; evaluation methods

Kirakosyan M.

Pedagogical technology and technology of time-management in organization of self-study of the students

There is considered a technology of making portfolio as a kind of self-study and a role of time-management as a mean of self-organization of the students

Keywords: self-study; portfolio; pedagogical technology; time-management; self-organization; students

Koroleva E., Poluektova V.

The ways of developing universal educational actions at the English lessons

The developing of regulatory universal educational actions at children of secondary school age at the English lessons are considered. The theoretical content of technology "language portfolio" is revealed. The data of experimental work confirming efficiency of the technology "language portfolio" is provided

Keywords: self-esteem; language portfolio; regulatory universal educational actions; English lesson

Kruchinina G., Koroleva E.

Modern technologies in teaching foreign languages: brainstorming

In this article, the application of the technology "Brainstorming" as a means of developing speech skills at English language lessons is considered. Data of experimental and practical work confirming the effectiveness of the proposed technology are given

Keywords: brainstorming; technology; principles; speech skills; English lesson

Kuzmin S., Petrushchenkov A.

Project «Digital school»: history and development prospects

The issue of development from the "environment of electronic education" to the "digital school" is considered. Features and perspectives of digital school development are presented

Keywords: digital school; digital educational environment; heterogeneous information means of education



Medovikova E., Morodenko E.

The importance of a practice-oriented model of training for coal industry enterprises of the Kuzbass

Personality factor has a significant impact on the behavior of personnel in the conditions of production activities. In connection with this circumstance, at the initial stages of education in a university it is necessary to identify individual typological features of the individual that determine the process of forming a trajectory of professional growth that reflects the effectiveness of production activities. The main mechanism that reflects the effectiveness of tripartite interaction is a practice-oriented model of learning. The article considers an innovative approach to the problem of introducing a practice-oriented training system for the training of persons employed in the coal industry. In the rapidly changing modern conditions, the person becomes purposeful, active, able to respond quickly to environmental changes, to make plans, forecasts and possessing personal resources. One of the mechanisms providing this ability is self-regulation, which is the basis of processes that ensure the self-organization of a person's mental activity, as well as the integrity of his personality. On the basis of individual and typological features of the personality, the specialists of the KuzGTU Branch in Prokopyevsk proposed a trajectory of professional growth for mining engineers of coal mines and sections of the Kemerovo region

Keywords: trajectory of personal growth; a practice-oriented model of training; students; the risks of a practice-oriented system; individual typological characteristics of the individual

Korneva I., Poptcov N.

Physical laboratory practices in the maritime high school with elements of research training

The article deals with specific examples of research training in the course of physical laboratory practice. The description of research projects in physics, which were attended by students of specialty "Operation of ship electrical equipment and automation" starting with the undergraduate level

Keywords: physical practice; research training; projects

Mukhina S., Skorobogatykh E.

On the implementation of the training system to mathematical Olympiads in technical University

The article deals with the system of preparation for the university higher school mathematics Olympiad, the problem of attracting cadets and students to participate in it, organizing the organization, summing up the results and forming a team for participation in interuniversity Olympiads. The variants of the problems that were offered at the in-house mathematical Olympiad's are given. It is concluded that mathematical Olympiads held in technical universities contribute to the development of creative and professional potential of students, which in future will help future engineers solve technical problems by applying non-standard methods and approaches

Keywords: The University mathematical Olympiad, Olympiad problem; methodology for assessing the level of complexity of tasks and works of participants in the Olympiad

Rudenko A., Kolin A.

Using the Taylor formula to calculate the limits

We consider a methodical technique for calculating the limits using the Taylor formula in the course of mathematical disciplines of technical universities

Keywords : formula Taylor; polynomial; original

Makarov Yu., Lutkova N., Ramzaitseva A., Zaitsev A.

Dynamics of indicators of professional motivation of students in the conditions of the active participation in educational process

Dynamics of indicators of professional motivation of students in the conditions of active participation in educational process under the influence of use of method of "participation in training" is considered. Data of psychological testing of indicators of motivation and professional motivation at students of specialization volleyball are given in 1-5 courses

Keywords: professional motivation; volleyball; students; educational process; method of "participation in training"

Vavilova L.

On the issue of forming a risk-oriented worldview for bachelors, the direction of training 20.03.01

The aspects of providing training for bachelors of the direction 20.03.01 "Technospheric security" of the profile "Protection in emergency situations" are outlined. The concept of forming a risk-oriented worldview

Keywords: complex-integral approach; risk-oriented worldview; intensification of training; individualized learning; professional identity

Moyseenko S.

Methods of configuration of knowledge on the example of design transport and production systems

Methods of synthesis of different knowledge based on the use of aggregation models and knowledge configurators are considered. The transport and production system (TPS) is considered as an object of research. The rationale for the principles of optimal design, the choice of scientific instruments and algorithm of formation (TPN) is given. A concrete example demonstrates the practical implementation of the method of configuring multidimensional knowledge in the field of transport and production logistics, linear programming, inventory management, probability theory and mathematical statistics. The results of the pedagogical experiment are presented

Keywords: methodology; design; pedagogical experiment; synthesis of knowledge; aggregation; configurators; model; transport and production system; logistics

Bazhenov V.

Feasibility of the graduate's competence model in the training of a specialist

Discusses the desirability of competency model of graduate in a specialist training to improve the quality

Keywords information: competence model graduate; the characteristic of professional activity; matrix formation of competences; structurally-logical schema formation of competences

Guralnik B., Yakuta I.

Formal assessment of the influence of initial (school) training on the progress of cadets-navigators at the rate "Theory and Structure of a Ship"

An assessment is made of the impact of the initial schooling of cadets on progress in studying the sections of ship theory. Preliminary analysis shows that there is no direct dependence of the degree of assimilation of the material on the subject for cadets having a total score in physics and mathematics in the school of more than 90-100. The reason for the low performance of some students is the lack of skills and ability to learn

Keywords: ship's theory and structure; initial training; academic performance; statistics



Zhestovskiy A.

Features of independent studying of the difficult ship integrated systems future specialists in information security in sea higher education institution

Orientation of educational process to the spontaneous personality does impossible training process without individual and personal features of trainees, granting nanometer of an option of ways and ways of the doctrine. There is a new purpose of educational process - education of the competent personality focused on the future, capable to solve typical problems and tasks proceeding from the gained educational experience and an adequate assessment of a concrete situation. At development of the modern integrated systems more and more broad application is found by modern methods of independent preparation which can be used as when studying the device and functioning of difficult hardware-software complexes and systems

Keywords: competence; methods of independent work; the sea radio engineer; the integrated systems; semantic structure; the principle of hierarch; concept

Najdenova T.

Analysis of regional information on developing the skills of ideological speech of foreign cadets in a military higher educational institution

The approaches of organization of work in the classes on Russian as a foreign language in the introduction and assimilation of the regional geography material are considered

Keywords: lessons in Russian as a foreign language (RFL); development of skills of foreign cadets; regional information; ideological speech

Varaksin A.

Pedagogical conditions of functioning of the model of cadets ' value attitude to healthy lifestyle

The article deals with the pedagogical conditions for the effective functioning of the model of the value attitude of the cadets of the Russian national guard troops to a healthy lifestyle. The research was carried out by the method of analysis of works of domestic specialists in the field of physical culture and sports. The author substantiates the choice of the basic pedagogical conditions of the value attitude of the cadets of the Russian national guard troops to a healthy lifestyle.

The pedagogical conditions developed by the author have great potential for the development and formation of the cadet. The results of the study may be of interest to specialists in the field of physical education and sports of universities of law enforcement agencies

Keywords: value attitude; pedagogical conditions; physical culture; cadets; motivation; physical health

Luban A., Mutavchi E.

Tolerance as a component of professional training in the hospitality industry

The article focuses on the role of tolerance in education of the hotel staff. The author comes to the conclusion that training is one of the main methods of development of tolerance among the staff and students, future specialists in the sphere of hospitality. Hotel management and educational institutions in the areas of "hospitality" needs to engage in the formation of tolerance of the staff to exclude any kind of discrimination

Keywords: tolerance; teaching methods; training; hotel industry; hotel; staff

Kukhorenko N.

The influence of game pedagogical technology on the personality development of a child

The problem of game as a pedagogical technology, its influence on the personality development of a child, compliance with the requirements of the Federal State Educational Standards is considered in the article

Keywords: game; pedagogical technology; educational process; personality development of a child; Federal State Educational Standards

Kuznetsov R.

Study of the educational potential of veteran organizations in forming the valuable - sensitive relationship of the courses of the troops of the national guards of the Russian Federation to the military service

The content of the notions "educational potential of veterans organizations", "education and training of cadets of the troops of the national guard of the Russian Federation" (hereinafter - the VNG RF), the theoretical substantiation of the problem of the formation of the value-semantic attitude of the VNG cadets to military service in the context of the implementation of educational potential of veteran organizations. The methodological basis of the study is presented by axiological systemic-structural and culturological approaches. The methodological basis of the study is presented by axiological systemic-structural and culturological approaches. In the course of scientific search, the methods of phenomenological and comparative analysis, generalization and systematization of scientific data are used to clarify the role of veteran organizations in the training of VNG cadets. The approaches and principles of the organization of the activity of military educational institutions are summarized, the list of priority educational tasks implemented by veteran organizations is drawn up, the distinctive features of the educational potential of veteran organizations in the training of VNG cadets at the present stage are revealed

Keywords: cadet; education; military education; the troops of the National Guard of the Russian Federation; veterans; the veteran organizations

Petkin A.

On the structure of the military-professional orientation of the individual cadets of the universities of the troops of the National Guard of the Russian Federation

This article is devoted to the essence and structure of military - professional orientation of cadets of higher educational institutions of the national guard troops of the Russian Federation. Important research is caused by the need to increase the efficiency of military-professional orientation of cadets of higher educational institutions of the national guard troops of the Russian Federation

Keywords: cadets; pedagogical conditions; orientation; teachers; personality; University of the national guard of the Russian Federation

Sleta Yu.

Target and procedural components of the method of teaching the main school involved in the analysis of the planimetric problem

The article is devoted to the stage of analyzing the condition of the planimetric problem, which is fundamental to the solution of the problem. The ability to analyze the condition of a planimetric problem and its structure consisting of three components is considered: static, transformative, graphic. The stages of formation of skills are determined: adaptive, orientational, stabilization. The target and procedural components of the methodology for teaching students the analysis of the condition of the planimetric problem are presented. The target component of the methodology includes global (milestone, phase, operational) and integrative goals. The procedural component reveals the methods and forms of the organization of teaching students the analysis of the condition of the planimetric problem and the students' solution of the component system of problems that represents the content component of the methodology.

Keywords: teaching methods; planimetric problem; condition analysis; method components