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## ABSTRACTS

**Bugakova N.**

***Information educational environment in technical university***

*Article is devoted to a research of the information educational environment of technical college. The main problem which security with a complex of information resources and technologies is. In article methodological approaches of creation of the uniform information educational environment in higher education institution are allocated and described*

Keywords: information educational environment of technical college; methodological approach; information and education resources

**Tamarskaya N, Khitryuk V. Bychkova O.**

***Institutional support of inclusive education in the university***

*The issues of managing inclusive education in higher education institutions of Russia and the Republic of Belarus and the experience of institutional provisioning of inclusive education are being studied. The goals, tasks, functions and activities of the specialized structural unit for the provision and development of inclusive education in the university are considered*

Keywords: inclusive education; management of inclusive education; institutes of inclusive education in the university

**Vyatkina L., Bogdanov S.**

***Development of pedagogical abilities of heads of educational organizations***

*The pedagogical abilities which are very sufficient for management who is working in the system of education are well-correlated with the characteristics of integral individuality. Because of that, the psychological technologies is considering by authors as an effective method of management development. Authors bring their actual results over of practical research of the teaching/training process of professionals who are responsible for management indifferent educational institutions. All of these results are well-proven by mathematical statistics and correlative analysis that gives to this article sufficient credits and solid validation*

Keywords: pedagogical abilities; manager of education; theory of integral individuality; multi-component systems; pedagogical components of abilities; characteristics of integral individuality

**Merkulov A.**

***Convergent interactive education system***

*New approaches to the Organization of education in the context of the development of the digital economy and knowledge-based economy. Given the rise of speed changes in industry, infrastructure, financial and human habitation Wednesday-Wednesday proposed economic and social concept of convergent education. A meaningful response to the challenges of the contemporary development of high-speed change in many areas of human activity can become an open interactive distance learning system for vocational training and retraining programmes frames. It is important for the Russian Federation compliance programs road maps of the national technological initiative.*

*Various directions: participants, age groups and subject areas, institutions using the concept of CDIO. As a technology implementation of convergent education interactive system is proposed for the drafting and presentation of shared educational programs, plans, schedules of the training process, work programmes, assessment tools and disciplines so, taking into account the development priorities of State goals*

Keywords: convergence; convergent; national education technology initiative; network systems; interactive learning; the markets of the future

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**Kikot E., Rosen N.**

***About estimation of efficiency of use information educational technologies***

*The article suggests a method of evaluating the effectiveness of the educational process. Proposed criteria to determine the cost and outcome of the use of the web-quest*

Keywords: educational process; electronic educational resource; effectiveness of educational technologies; case technologies

**Rudinskiy I., Lichnarovskaia D.**

***Educational robotics and peculiarities of its teaching for children of the senior preschool and young school age***

*In this article, an approach to the study of robotics for children of primary and preschool age on the basis of additional education is considered*

Keywords: information technologies; supplementary education; educational robotics

**Zubareva N.**

***Activation of independent work of the student: experience of introduction of electronic manuals***

*The higher education is faced by a task to teach students to study independently. In article the factors providing success of training of students by activation of independent work are considered. It is methodically rational to organize independent work of the student it is possible introduction in educational process of electronic textbooks and grants*

Keywords: self-organization; success of study of the student; out-of-class independent work, methodical grants; self-correction

**Rovenskih O., Lutsenko N.**

***Computer technologies are the means of foreign languages teaching in the university***

*The modern technologies of training of foreign languages in higher education institution are considered and the effectiveness of their application in educational process is studied in the article*

Keywords: information technology; multimedia technology; the means of foreign language learning

**Yudina O., Yudin N., Rumyantseva A.**

***The types of teacher's professional attitudes on adolescent development in learning activity***

*This article presents the results of factor analysis of teacher's attitudes to their professional activity, adolescent development and learning activity. Three types of professional attitudes are discovered: «Adolescent's interest in learning», «The attitude towards teacher», «The autonomy in learning activity». Teachers are commonly guided by first and second attitudes, that don't support the development of adolescent's subjectivity*

Keywords: professional attitudes; learning activity; adolescence; subjectivity

**Mychko E., Potmenskaya E.**

***The conceptual approaches for program design of master's degree development***

*It is approached the problem of the content alteration of the master's programs in the fields of "Pedagogical Education" and "Psychology and Pedagogical Education". The main tasks are specified; they provided the basis for the conceptual redevelopment of the master's programs. The fundamental approach changes of the pedagogical education content design were analyzed. The mainstream and sociocultural factors which are influenced over the preparation changes of the modern teacher are described*

Keywords: the content alteration of the master's programs; the educational standard; the content design; the development of pedagogical education

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**Danilenkova V., Titova I.**

***Research of level of legal literacy of teachers and students in the ecological educational environment***

*In article the analysis of legal literacy of students and teachers which allows to reveal problems and the directions of improvement of legal knowledge of students and teachers is carried out. Scientific and pedagogical terms of formation of legal literacy of teachers, students in the ecological educational environment are offered. Comparison of level of legal literacy at two stages is given: prior to the beginning of and after holding additional actions for obtaining legal knowledge. The author comes to a conclusion that the results received during the experiment are positive on the level of formation of legal literacy. This problem needs a further research of environmental risks and the conflicts and their influence on legal literacy of students, teachers*

Keywords: legal literacy; ecological educational environment; environmental risks; conflicts

**Kuzminov N., Kuzminova A.**

***Mentoring as a resource in professional demand specialist***

*The leading resource training specialist is mentoring. Mentoring has proved the most effective way to develop skills in specific specialist work. Today, mentoring is practiced in almost all areas of training with a view to their acceptance in the market. The problem of using such a resource as coaching requires updating and trending approach. Demand specialist is a specialist with ready skills and professional action, especially in the social sphere*

Keywords: mentoring; relevance; competence; specialist; educational environment; social sphere

**Shumanova M., Kolin A., Kravtsov E.**

***Modern technologies of self-oriented education***

*Active methods, methods of training applied in the process of training personnel in the context of new socio-economic conditions are considered*

Keywords: Active methods; partner model; self-oriented training; educational process

**Petrov D.**

***Structure of modern model of professional development of teachers***

*This article is devoted to questions of professional development of teachers in modern conditions of development of educational system. The author of article pays special attention to the description of the social and pedagogical functions following from the purposes of professional development of teachers and thanks to which success of professional development In this article is reached, the attention and to the basic structural elements of model of professional development of teachers as which motivational and target, substantial, operational and activity, control and adjusting and estimated and productive components act is also paid*

Keywords: professional development of teachers; social and pedagogical functions; structural elements of model; professional competences of the teacher

**Grebenyuk T.**

***Engineering in Education***

*The content of four days' seminar about didactical engineering as a new direction in pedagogy is considered in this article. This seminar was organized in the frames of the program "5-100" with the invitation of the professor M.A. Tchoshanov from Texas University in El Paso. He is famous for his scientific researches in didactical engineering*

Keywords: didactic engineering; constructivism; teacher-constructivist; research-based engineering

**Serykh A., Kapalygina I.**

***Theoretical and practical aspects of the study of the information and educational space of schoolchildren***

*The article is devoted to the study of modern concepts, interconnected with the information and educational space. The multidimensional concept of "space" denotes the properties of reality, which are expressed in its extent, structure, coexistence and interaction of its ele-*

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ments. Within the framework of pedagogical science, the social, educational, educational and information-educational space is of interest, the essence of which is disclosed in this publication. The article also presents experimental studies of schoolchildren's specific behavior in the context of information and educational space

Keywords: space; educational space; educational space; social space; information and educational space; schoolboy; microenvironment; behavior

**Kovalishin P.**

***The technology of studying semantic propositions as the cognitive component of the philologists' professional competence***

*The use of the technologies of studying semantic propositions in language at the level of vocabulary is an important element of the competence of specialists-philologists. The paper considers the approach to the analysis of the principle of the propositions which represents the interaction of semantics and syntax*

Cognitive function; semantic propositions; principle of propositions; semantics and syntax

**Rovenskih O., Lutsenko N.**

***Personality-oriented approach in teaching of foreign languages in non-linguistic universities***

*The actual problems of the personal focused training and the conditions of its successful implementation in educational process of higher education institution are examined in the article on the foreign language example*

Keywords: psycholinguistics; foreign language intercultural professional communication; the personal focused training

**Zaitsev A., Zubkova L., Badenkina L., Bugova G.**

***Spart socio-pedagogical technology as a mean of healing, recreation and holistic development of personality: from the experience of the realization of education spart technology***

*On the realization in educational institution of Spart innovative socio-pedagogical technology of healing, recreation and holistic development of personality, whose main goal is to overcome the gap between physical and spiritual development of a person, a combination of physical education and creativity, the harmonious development of personality and cooperation on the basis of integrative approach.*

Keywords: harmonious development of students; prevention of antisocial manifestations; the means of physical education and sport; sport for all

**Zaytsev A., Poleshchuk N.**

***A differentiated approach to the certification of vestibular stability and the dynamics of its development***

*The article considers a new approach to controlling the equilibrium function of athletes. Experimental data of the equilibrium dependence on the emotional state and qualification of athletes are presented*

Keywords: static equilibrium; dynamic equilibrium; technical devices; control

**Korneevets V., Shablyauskene E.**

***Transboundary cooperation in the field of tourism on the example of forming touristic cluster «European Baikal»***

*Modern trends in the development of the tourist industry in the world are marked by a change in the vector of tourist destinations. Every year, traditional routes lose their popularity. Gradually, the main attention of tourists is switched to non-rating regions, but possessing their own unique features. Among these regions, the Baltic Sea region occupies a special place. In the post-crisis period, an active growth of arrivals and a systematic development of the tourist infrastructure were noted here. The Kaliningrad region, as an integral part of this region, also implements the policy of developing the tourism industry on its territory through the formation of clusters, as well as the strengthening of cross-border cooperation. The result of the work is the active promotion of ecological tourism in the border areas of the region*

Keywords: ecological tourism; cross-border cooperation; tourist clusters; the Baltic region

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**Pel'menev V. Matova E.**

***Use of portfolio on physical culture for forming of self-appraisal of schoolchildren***

*The problem of development of self-appraisal of schoolchildren is examined. It is set that a self-appraisal is a necessary component of development of consciousness of children. This process comes true on the lessons of physical culture. Pedagogical experience is studied on development and introduction of portfolio on a physical culture in work of teacher of initial classes.*

Keywords: self-appraisal of schoolchildren; development of consciousness; portfolio on a physical culture; levels of development of self-appraisal

**Polievsky S.**

***Rapid assessment of functional reserves and adaptive capabilities of students in connection with preillness***

*In the article there are presented data on characteristics of peculiarities of the functional state of physical culture students. The results were obtained with the aid of variation pulsometry.*

*Complexity of a problem consists in absence of an integrated parameter of the control preillness. conditions different etiology for what in clause use of an index of a pressure on R.M. Baevskiy by means of the device is offered «Olymp» The description typical preillness. conditions and their basic attributes is given*

Keywords: students; functional status; biological adaptation; functional reserves. physical culture

**Glinchikova L.**

***Influence of psychological and pedagogical support of educational activity of training directions «Physical culture» on their professional-personal development***

*A model of psychological and pedagogical support of students is proposed, based on the interaction of teachers and students. Psychological and pedagogical support of students ensures effective personal and professional development of students at all stages of training, allows to increase the general level of readiness of students for professional work.*

Keywords: students; physical culture; psychological and pedagogical support; professional development

**Zaitseva V.**

***Features of the use of health walking in training sessions with students of a special medical group***

*In the course of health supporting walking program in the classroom with students of special medical group were obtained to develop, health and psychological effects*

Keywords: students; health walking; physical education

**Ivko I., Krasnyy N.**

***Justification of a technique of additional fitness classes in structure of the common physical training women's college basketball team of higher education institution***

*The presented method of fitness for basketball players of student's teams of the University, which is aimed at improving the overall physical fitness of athletes includes a variety of tools of fitness such as step aerobics, football-gymnastics, rope skipping, pump aerobics, stretching. Teaching methods tailored to the competition calendar of the team and takes into account the orientation of the basic training process of basketball players.*

Keywords: common physical training; means of fitness; basketball; girls; student's age

**Kudashev R.**

***Modern approaches to solving the problems of professional rehabilitation of persons with disabilities***

*Presents modern approaches to solving the problems of professional rehabilitation of persons with disabilities.*

Keywords: professional training; professional orientation; vocational rehabilitation; adaptive mechanisms; the social and professional integration model of education and rehabilitation

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process

**Lishchuk I., Ivleva O.**

**Development tour event «Kiel week»**

*The article is devoted to the development of event tour from Kaliningrad to Kiel (Germany) to participate in the event "Kiel week". Investigated the possibilities of the program "Kiel week", the calculated cost estimate developed by the tour.*

Keywords: event tourism; tourism product; tourist formalities; information technology in tourism

**Lutsenko S.**

**The standard in running for 1000 meters as one of the indicators of the health of students**

*Use run 1000 meters as one of the indicators of students' health. The theoretical basis for this may be: energy concept for the prevention of chronic non-communicable diseases and the theory of adaptation*

Keywords: health; physical readiness of students; energy concept; adaptation theory

**Manuylenko E., Nikolayeva J.**

**Problems of formation of health of youth in the university by means of physical culture**

*This article describes the main problems of physical culture faced by young people in the process of development and learning at the University. Using performance assessment current situation, the University offers a variety of activities, allowing you to evaluate, analyse and solve problems of students related to physical development in higher education*

Keywords: formation; physical culture; youth; media; University

**Opletin A., Pel'menev V.**

**Gender features in the process of self-development of physical culture on employment**

*Actualization of gender roles require the physical education teacher to create such conditions that exacerbated the stereotypes of male and female behavior in students. Physical training, based on a gender approach should be based gender-sensitive students, actualizing their gender roles by creating an understanding of the purpose of boys and girls in society. This organization of the educational process requires a certain knowledge of the teacher on gender peculiarities of students. The article deals with gender-sensitive in the organization of physical training lessons at the university. We consider gender-specific special abilities in the structure of personality. The data forming the style of life of girls sports training facilities. It was compared in the manifestation of volitional activity between boys and girls*

Keywords: gender-sensitive; gender roles; self-development of personality; physical education; students

**Tomashevskaya O.**

**To the issue of improving the quality of pedagogical practice of future specialists in physical culture and sports**

*He article presents the results of the study of the formation of professional skills in future specialists in physical culture and sports during the period of pedagogical practice. On the basis of the analysis levels of pedagogical skills are determined, and the main difficulties encountered by students in pedagogical practice are identified*

Keywords: higher physical education; Pedagogical practice of students; Professional skills; Effectiveness of students' learning process

**Shirshova E., Lisovsky S., Birukova A.**

**Formation of research competences of future specialists in physical education with business games**

*Discusses conditions of organization of business games for the formation of research competences of future specialists in physical culture. The developed conditions are implemented in teaching the discipline "Theory of physical culture"*

Keywords: vocational training; specialists in physical culture; research skills; interactive learning tools

**Fedulina I., Valiakhmetov T.**

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***Physical culture as a social resource in the forming of a healthy lifestyle in the process of socialization***

*The phenomenon of pedagogical theory of physical culture, viewed as a resource for successful socialization, it is one of the main approaches that are relevant to the problem of achieving social maturity through the dominant values of a healthy lifestyle*

Keywords: physical education; socialization; educational space of high school; dominant values; healthy lifestyle

***Filippov Yu., Mitrofanova A.***

***Periodization of the processes of revitalization of urban architectural objects (On the example of historical monuments of Kaliningrad)***

*The article provides an overview of the theoretical approaches of domestic and foreign authors to the issue of transformation and use of historical industrial objects of cultural heritage within the framework of urban development. On the basis of the analysis of revitalization processes in Kaliningrad an attempt was made to chronological division of them with a description of the characteristic phenomena that correspond to the essence of the phenomenon of revitalization.*

Keywords: revitalization; periodization; historical and cultural object; historical architecture; industrial architecture; urban space

***Moiseenko S.***

***Business game "Risk Management in Sea Shipping"***

*Developed game methods for developing the readiness of marine specialists to assess and manage risks in sea freight traffic. Presented, developed by the author model of the business game "Risk Management in Sea Freight". The main stages of the game include: loading operations in the port and preparing the ship for going to sea; transfer of the vessel to the port of destination; arrival of the vessel into the port and unloading the cargo. The questions of the organization of the game in the educational process and the technology of risk assessment and decision-making are considered. Depending on the conditions and goals of gaming simulation experiments, an introductory set is developed that will be used in the game to generate various emergency and extreme situations. In this case, the basic structure (the shell of the simulation game) may not change*

Keywords: sea cargo transportation; Flight planning; security; emergency fleet; risk assessment; Management of risks

***Zorchenko N.***

***Motivation research to professional activity cadets of sea higher education institutions***

*Special attention in article is paid to the analysis of work of members of crews of sailing vessels «Krusenstern», «Mir», «Nadezhda», «Professor Hlyustin» with cadets who receive the first practical skills in professional activity through knowledge, abilities, competences of seamen-mentors. Characteristics of motives to sea professional activity when passing swimming the practician on educational and swimming vessels «Pallada» and «Sedov» are allocated and described.*

Keywords: swimming practice; cadets of sea higher education institutions; motivation of professional activity

***Zorchenko N.***

***Theoretical model of development of motivation to professional activity of cadets in the period of educational swimming practice***

*The readiness and desire of cadets of marine high schools during their swimming practice to carry out their work are investigated; a theoretical model is proposed that develops the motivation of cadets for professional activities on a training sailing ship*

Keywords: swimming practice; motives of activity; professional activity

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**Ikhtisanov I., Dubrovsky A.**

***Pedagogical conditions and model of formation of organizational and administrative readiness of cadets of higher education institutions of Rosgvardiya***

*In work problems of formation of readiness of cadets of higher education institutions of Rosgvardiya for administrative activity are considered. The essence of author's pedagogical model and pedagogical conditions of formation of administrative and organizational readiness of cadets of higher education institutions of Rosgvardiya is stated*

Keywords: model; pedagogical conditions; organizational and administrative readiness; cadets

**Zhevzhik A., Dorofeev V.**

***Optimization of educational process of special training of senior trainers of canine units of national guard troops of the Russian federation***

*The paper examines problematic issues in training of dog handlers of national guard troops of the Russian Federation*

Keywords: the educational process; training; training senior instructors; optimization

**Almentyev V.**

***Educational technology of program implementation training cadets to improve efficiency***

*The article deals with a practical approach to the implementation of training programs for students of military schools to recover the function of y, which involves the formulation and implementation of specific learning objectives that are in demand in the professional activities of the future officer parenting subordinate personnel. We consider complex disaster recovery techniques cadets of military schools*

Keywords: efficiency; formation efficiency; combined techniques disaster recovery; disaster recovery program for the formation of cadets of military schools

**Kislitsyn A.**

***The use of information technologies in the educational process in preparation specialist of national guard troops***

*In the conditions of reforming of internal troops in the national guard of the Russian Federation changed the requirements for graduates of higher military educational institutions. The use of modern information technologies in the process of military education, their impact on the quality of graduate's knowledge and skills and the application of this knowledge in the service and combat activity of the officer discussed in this article. Revealed the importance of improving the preparation of military specialists to perform the leading functions of national guard troops, including counter raised his head terrorism and extremism. The tasks of use of information technology in the performance of their combat tasks, technological and pedagogical approaches to the development of new information resources, as well as experience of their use on the stages of Informatization of higher military education*

Keywords: information technologies; modernization of military education; military training; innovation process; resource teacher interaction

**Maksimov N., Dashkin V.**

***Formation of legal culture of cadets as a factor in counteraction to extremist threats of modern society***

*In the article the author reveals the activity of the teacher in the formation of the legal culture of cadets. Attention is paid to the prevention of extremism by observing the legal values of the teachers of military universities. The author solves the problems of countering extremism in the military environment through the formation of a generation of officers with respect for the law, the education of citizens with legal knowledge in professional activities that protect their rights and interests. The conditions are revealed in which the teacher successfully improves the level of legal culture of cadets.*

Keywords: legal culture; legal ideas; teacher's activity; society; legal norms; extremism; extremist activity



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**Sigidenko S. Y.**

***Pedagogical analysis of requirements required for planning of official activities in modern conditions***

*The article discusses the actual conditions for the inculcation and improvement of military-professional abilities among cadets of military higher educational institutions, in the course of updating the content of education, conducting scheduled classes, as well as in the day-to-day activities of the units of the troops of the National Guard of the Russian Federation. The article reflects the methodological recommendations in the preparation of the planning of the pedagogical activity of future officers*

Keywords: skill; management; military training; skills for performance management; competence; informatization

**Arod E., Gavrash T.**

***The technology of forming the operational-current tactical preparedness of athletes specializing in running, at the stage of improving athletic skill***

*The article deals with the problems of organizing tactical training for athletes specializing in cross-country orienteering. In order to improve the effectiveness of the formation of operational-current tactical preparedness, a pedagogical experiment was formed. As a result, it was established that among the orienteering athletes of the experimental group, after shaping the impact of the training sessions, there was an improvement in the indicators characterizing the level of operational-current tactical preparedness. The efficiency of choosing a variant of the way of movement between control points (by 12.2%), stability (by 92.6%) and efficiency of tactical activity (by 59.5%) increased. Analytical actions in the tactical planning of a specific competitive start significantly improved (by 121.4%). The use of this technology at the stage of improving sportsmanship has made it possible to significantly improve the level of tactical competencies of orienteers and the effectiveness of their competitive activities*

Keywords: sport orienteering; operational-current tactical preparedness; stage of improving sports skills

**Boyarkina A.**

***Influence of computer load on the functional state of the cardiovascular system in students of different health groups***

*Discusses changes in the main indicators of the cardiovascular system after prolonged use on a personal computer*

Keywords: cardiovascular system; arterial pressure; pulse pressure; the coefficient of endurance; the coefficient of economization of blood circulation; type of blood circulation self-regulation

**Butkus E.**

***Management of conflicts of troubled students in the pedagogic heritage of Victor Soroka-Rosinsky***

*The article tackles the issues of conflicts in Fyodor Dostoevsky School of social and individual education under the direction of Victor Soroka-Rosinsky, the school principal; specific character of troubled student's conflicts; contribution of the V. Soroka-Rosinsky heritage in pedagogic conflict studies*

Keywords: pedagogic conflict studies; troubled students conflict typology; conflict management technology

**Sorochinsky M.**

***The role of e-learning in modern education system***

*Modern trends in the development and improvement of e-learning and distance educational technologies are considered as a significant direction in the field of informatization in the sphere of education*

Keywords: informatization; e-learning; education, educational technology

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***Sushchenko M.***

***Psychology and pedagogical features of the analysis of conflict behavior of cadets taking into account structure of the interpersonal relations***

*The model of conflict management and empirical evidence on the behavioral strategies of cadets in conflict. Conclusions about the required social monitoring of the dynamics of interpersonal relationships in the cadet divisions*

Keywords: interpersonal relationships; conflict; cadet; models and strategies of behavior; stoichiometry