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“The Role of Science in Society”

Pedagogical Sciences

Universal Learning Activities in Science Lessons as Means of Developing Secondary School Pupils' Creative Potential

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Key words and phrases: natural cycle; creativity; universal learning activities.

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Abstract: This article examines types of universal learning activities of secondary school pupils in science lessons aimed at the developing creativity.

Information Science, Computer Engineering and Management

The Possibility of Developing the CAD Subsystem for Analysis of Scattering Characteristics of Hollow Structures

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Key words and phrases: hollow structure; scattering; CAD.

Abstract: In this paper the solution of scattering problems of electromagnetic waves on metallic structure is given. The system of integral equations for surface currents was applied. The recommendations for building the CAD subsystem are given, within which there is the possibility of designing technical objects with hollow structures, having the required values of the scattering characteristics.

Means for Shaping New Intellectual Property under Integration of University and Engineering Company

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Key words and phrases: check valves; swing check valves; pipeline.

page 14-16

Abstract: The authors focus on the efficiency of patent search, functional and technological analysis and brainstorming as tools of new intellectual property formation using the example of swing check valves.

Preservation and Updating of Objects of Cultural Heritage Using Multimedia Technologies

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Key words and phrases: cultural heritage; virtual museum; exhibition; information technologies; multimedia technologies.

page 17-19

Abstract: The authors discuss the concept of cultural heritage from the perspective of multimedia approach to processing data on museum collections. The authors stress the importance of conservation of objects of cultural heritage using multimedia technologies.

Economic Sciences

Developing Entrepreneurship Education in Russia

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Key words and phrases: entrepreneur; entrepreneurship education; entrepreneurial activity; higher education institution.

page 20-23

Abstract: This article is devoted to the development of entrepreneurship education in Russia. The authors considered factors and ways of developing entrepreneurship education in Russia, using structural analysis and comparison of experience in the field of entrepreneurship education in the leading universities of the country. The acknowledgement of entrepreneurship as the potent economic power proves that there is a direct connection between the level of entrepreneurial activity and entrepreneurial education.

Current State and Development of Beekeeping in Azerbaijan

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Key words and phrases: beekeeping; economic reform; entrepreneur.

page 24-27

Abstract: This article describes beekeeping as one of the oldest and most environmentally friendly forms of agriculture. The development of this sector is of particular importance in present conditions of food security.

Possibilities of Modeling Socio-Economic Development of the Region

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Key words and phrases: object of modeling; stochastic approach; self-regulation of the region; socio-economic development of the region; model of the region.

page 28-31

Abstract: The principles of modeling socio-economic development of regions have been formulated; a model of regional development, taking into account internal and external factors has been developed.

Political Sciences

Reelection of Omar Al Bashir in 2015 and His Influence on the Peace Process in Darfur

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Key words and phrases: Sudan; Darfur; Omar el Bashir; peace process; reelection; conflict; rebels; African Union.

Abstract: Omar el Bashir became the chief of Sudan in 1989 after a military coup. In 1993, he became officially the president of Sudanese state. Since 1993 he has been reelected three times (2000, 2010, 2015). In April 27 2015, Omar el Bashir was reelected for a third term, although since 2003, the region of Darfur has been the theater of indescribable civil war. According to many experts, the conflict in Darfur is considered as the most important humanitarian disaster of 21st century, because during the active moment of the confrontation (2003–2010) from 200 to 400 thousands peoples died and 2 or 3 million became refugees. The present article analyzes the role of Omar Bashir in the explosion of conflict, because he was the chief of state when the conflict in Darfur erupted in 2003. The most important attention is paid to his recent election in 2015 and the impact that this reelection could have on the process in the western region of Sudan – Darfur.

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