

University of Technology Katowice



**INNOVATIVE APPROACHES TO  
ENSURING THE QUALITY OF  
EDUCATION, SCIENTIFIC RESEARCH  
AND TECHNOLOGICAL  
PROCESSES**

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# **Innovative Approaches to Ensuring the Quality of Education, Scientific Research and Technological Processes**

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### **3.6.9 Matvienko Lesya Hryhorivna POSSIBILITIES OF VIDEO SCRUBBING IN TEACHING A FOREIGN LANGUAGE OF NON-PHILOLOGICAL SPECIALTIES**

The article considers the methodological and technological aspects of the use of video scribing technology in the study of a foreign language in a higher educational institution of non-philological profile. Scribing is considered as a technique of visualization of information in the form of diagrams and drawings. The classification of scribe-presentations and ways of their application in foreign language classes are singled out. The advantages and disadvantages of the introduction of elements of scribe technologies in the educational process of the university are analyzed.

**Key words:** video scribing, foreign language, scribe-presentation, scribe-technologies, higher educational institution.

### **3.6.10 Mahdysiuk Liudmyla Ivanivna, Demchuk Violeta Borysivna COMPUTER DEPENDENCE AS A FORM OF ADDICTIVE BEHAVIOR OF PERSONALITY**

The main characteristics of addictive human behavior are considered. Also, the leading three scientific directions of research of addictive behavior of the person - biomedical, social and psychological are analyzed. There are five main types of Internet addiction. Psychological and physical symptoms caused by excessive computer use are described. Mental disorders, on the basis of which computer addiction develops, include personality disorders, anxiety disorders, psychotic diseases, substance abuse.

**Key words:** addictive behavior, Internet addiction, computer addiction, personality, mental disorders.

### **3.6.11 Pohvalit Julia Anatoliyivna VISUALIZATION OF THE EDUCATIONAL PROCESS WITH THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES AS AN INNOVATIVE TEACHING TOOL**

The use of information and communication technologies to visualize the educational process in chemistry lessons is due to the fact that currently there is an increase in the impact of media technology on humans. Given the current realities, the teacher must introduce into the educational process new methods of presenting information. Visualization of the educational process in chemistry lessons allows us to intensify the activities of teachers and students; to improve the quality of subject teaching; display the essential sides of chemical objects. The advantages of multimedia technologies, in comparison with traditional ones, are various: visual presentation of material, possibility of effective check of knowledge, variety of organizational forms in work of pupils and methodical receptions in work of the teacher.

### **3.6.12 Lilia Borysivna Kulinenko PROBLEMS AND PROSPECTS OF KNOWLEDGE SOCIETY DEVELOPMENT IN SOLVING MODERN INFORMATION CHALLENGES**

The article analyzes the philosophy of the knowledge society, which must find adequate answers to new information challenges of the modern era, in particular, the problems of information security, manipulation of consciousness, "information explosion", manifested in a huge increase in information, information quality, overcoming digital inequality.", Where in the context of the central problem of modern educational policy is the establishment of the philosophy of creativity.

**Key words:** modernization, personality, information, innovation, praxeology, pedagogical process, knowledge society, philosophy of education.

### **3.6.13 Katherina Margitich, Andrey Pevse, Oleksandr Ostrovski NEW FORMS AND METHODS OF CONDUCTING LESSONS IN THE UKRAINIAN LANGUAGE IN SCHOOLS WITH HUNGARIAN AS THE LANGUAGE OF INSTRUCTION**

The way to a high level of national consciousness lies through education and upbringing in the process of which the state language is learned, the millennial history of the nation is studied, Ukrainian culture, traditions, habits are perceived and appropriated, a sense of citizenship and a sense of belonging to everything in the country.

**Key words:** Transcarpathia, traditions and customs, educational process, innovative approach in educational process, didactic material.