

International Science Group

ISG-KONF.COM

XI INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "ACTUAL PROBLEMS OF LEARNING AND TEACHING METHODS"

> Vienna, Austria December 06 - 09, 2022

ISBN 979-8-88831-929-1

DOI 10.46299/ISG.2022.2.11

ACTUAL PROBLEMS OF LEARNING AND TEACHING METHODS

Proceedings of the XI International Scientific and Practical Conference

Vienna, Austria December 06 – 09, 2022

UDC 01.1

The 11th International scientific and practical conference "Actual problems of learning and teaching methods" (December 06 - 09, 2022) Vienna, Austria. International Science Group. 2022. 580 p.

ISBN – 979-8-88831-929-1 DOI – 10.46299/ISG.2022.2.11

EDITORIAL BOARD

Pluzhnik Elena	Professor of the Department of Criminal Law and Criminology Odessa State University of Internal Affairs Candidate of Law, Associate Professor
Liudmyla Polyvana	Department of Accounting and Auditing Kharkiv National Technical University of Agriculture named after Petr Vasilenko, Ukraine
Mushenyk Iryna	Candidate of Economic Sciences, Associate Professor of Mathematical Disciplines, Informatics and Modeling. Podolsk State Agrarian Technical University
Prudka Liudmyla	Odessa State University of Internal Affairs, Associate Professor of Criminology and Psychology Department
Marchenko Dmytro	PhD, Associate Professor, Lecturer, Deputy Dean on Academic Affairs Faculty of Engineering and Energy
Harchenko Roman	Candidate of Technical Sciences, specialty 05.22.20 - operation and repair of vehicles.
Belei Svitlana	Ph.D., Associate Professor, Department of Economics and Security of Enterprise
Lidiya Parashchuk	PhD in specialty 05.17.11 "Technology of refractory non-metallic materials"
Levon Mariia	Candidate of Medical Sciences, Associate Professor, Scientific direction - morphology of the human digestive system
<u>Hubal Halyna</u> Mykolaivna	Ph.D. in Physical and Mathematical Sciences, Associate Professor

64.	Середюк Л.В., Дзвонковська В.В., Юрак М.З., Човганюк О.С., Зеляк М.В.	284
	ЯКІСТЬ ЖИТТЯ ХВОРИХ ІЗ ФІБРИЛЯЦІЄЮ ПЕРЕДСЕРДЬ	
65.	Стельмах А.В., Фомін В.С., Кузьміна Д.О., Х'юз З., Реза Ф.А.	288
	ЗРІЗИ ПИРОГОВА - КОМП'ЮТЕРНА ТОМОГРАФІЯ ХІХ СТ.	
66.	Удод О.А., Черепанов Б.Б., Таланов В.М., Алігаджиєва Г.М.	291
	ПОРІВНЯЛЬНЕ ДОСЛІДЖЕННЯ СТАНУ ФОТОКОМПОЗИЦІЙНИХ ВІДНОВЛЕНЬ ЗУБІВ	
	PEDAGOGY	1
67.	Bubnov I.	294
	SOME PROBLEMS OF THE DEVELOPMENT OF EDUCATION IN UKRAINE IN THE ASPECT DIGITIZATION	
68.	Halatsyn K., Feshchuk A., Yaroshenko O.	297
	FORMING ENGLISH PROFESSIONAL COMPETENCE OF STUDENTS	
69.	Kudria O.	299
	VIRTUAL EXHIBITION PROJECTS AS AN INNOVATIVE METHOD OF TRAINING FUTURE TECHNOLOGY TEACHERS IN WARTIME CONDITIONS	
70.	Popova Y.	302
	DEVELOPING THE SKILL OF ASSESSING THE RATIONAL WAYS OF SOLVING PROBLEMS THROUGH GROUP WORK	
71.	Бамбурак В.Б., Тодераш В.Д., Савенков О.Є.	306
	ВПЛИВ НА АДАПТАЦІЙНІ ПРОЦЕСИ У СТУДЕНТІВ ПЕРШОКУРСНИКІВ ЗАСОБАМИ ФІЗИЧНОЇ КУЛЬТУРИ	
72.	Башавець Н., Алманова Д.	309
	ПРОБЛЕМИ ОСВІТЯН ГАЛУЗІ ФІЗИЧНОЇ КУЛЬТУРИ І СПОРТУ	
73.	Гармаш Н.В., Ковалевський Є.П., Хорошун В.П., Гармаш К.В.	312
	ДИСТАНЦІЙНЕ НАВЧАННЯ В ОСВІТНЬОМУ ПРОЦЕСІ	

PEDAGOGY ACTUAL PROBLEMS OF LEARNING AND TEACHING METHODS

SOME PROBLEMS OF THE DEVELOPMENT OF EDUCATION IN UKRAINE IN THE ASPECT DIGITIZATION

Bubnov Igor

Candidate of Historical Sciences, associate professor Odessa State Environmental University, Ukraine

Digitization is an integral phenomenon of today's realities, therefore the problem of identifying risks and positive factors regarding its impact on the development of the educational process in Ukraine is considered important and relevant. The modern education system in Ukraine, which since the time of quarantine restrictions began to actively implement distance learning technologies, has significantly expanded access to quality educational services for various segments of the population, but, at the same time, has created a number of technical, organizational-methodical, didacticpsychological problems for participants of the educational process

For the objective discussion of the specified problem, it is necessary to determine the meaning of the concept of "distance learning". It is necessary to clearly understand the difference between two similar terms: "distance form of education" and "use of distance technologies" in various forms of the educational process.

Distance education provides an opportunity for any citizen who has a secondary, professional or higher education, and is also able to perform the necessary tasks remotely with the help of appropriate educational technologies, at a time convenient for him to study and obtain the necessary knowledge remotely from an educational institution. Such a learning process is based on the use of various means of communication and ends with the student receiving an appropriate certificate and diploma. If we are talking about "distance technologies in education", it means the use of specific platforms and tools (in particular, Moodle, Google Classroom, Zoom, Skype, etc.) that allow participants in the educational process to communicate, perform and check tasks, monitor attendance, organize current and semester control, etc. Such technologies can be integrated at any stage of mastering the relevant educational course. In this form of organization of the educational process, the teacher's initiative to introduce such technologies and the readiness of students to use them, as well as the technical ability of both parties to use these technologies, are important.

Before the introduction of quarantine measures, only a few dozen domestic universities had certified rights and formalized opportunities for distance learning as a form of providing educational services. Until recently, the majority of domestic universities were limited only to the use of various distance technologies in the educational process.

Under the conditions of modern financial instability, the formation of the necessary information environment, which involves the purchase and adjustment of special technical equipment and the deployment of appropriate software, has become a serious challenge for most universities. And if with certain efforts, primarily of a material and

PEDAGOGY ACTUAL PROBLEMS OF LEARNING AND TEACHING METHODS

financial nature, over time this issue is generally resolved by institutions of higher education, then the problem of asynchronicity of the pace of development of distance technologies and the dynamics of changes in the consciousness and level of training of participants in the educational process remains very acute. In addition, the direct dependence of distance learning on available technical means and the Internet can seriously limit the opportunities for equal access of all students to educational services.

Online learning using distance technologies has convincingly demonstrated that traditional approaches to organizing the educational process no longer work. If certain administrative measures can somehow ensure the virtual presence of students at online lectures, then the teacher is no longer able to control their activity, interest and ability to effectively perceive new information. Moreover, remote communication also largely limits the possibilities of non-verbal communication, which is indispensable in an informal setting and can become a powerful impulse for inventions and innovations.

In modern conditions, the quality of education is largely determined by the degree of effectiveness of the use of distance technology tools and the quality of the informational content of online education. This requires an increase in the level of pedagogical skills of teachers, their digital education and culture, which in today's realities cannot be achieved instantly. Therefore, it seems appropriate to draw the attention of the management of higher education institutions to the issue of organizing relevant training courses for employees, the program of which should be oriented to the problems of using information technologies in the management of the educational process, the development and implementation of the e-learning system, the creation of attractive and high-quality online content, implementation of current and semester control in the mode of electronic journals and electronic information; consideration of the problems of the methodology of conducting educational classes in online mode; psychological and pedagogical aspects of communication with students; formation of internal digital discipline and culture.

Competition between educational institutions in the field of organization and implementation of distance learning, as well as between education and other spheres of life, is extremely important in order to maintain the appropriate level of education quality. Under the conditions of the digital transformation of the modern world, remote work methods are becoming widespread in many spheres of social life, and therefore classical education without a remote component in the life of the younger generation may even act as a foreign body.

Self-motivation and self-control on the part of students is a serious problem in ensuring a high level of education quality in the distance learning system. As it turned out, the form of learning distanced from the teacher is far from suitable for everyone, since not all students have the level of self-organization necessary for learning in this format. It is the appropriate motive that should ensure students' motivation for distance learning. Therefore, when developing online courses, it is not enough to present only clearly developed educational material, it is also necessary to form students' motivation that would facilitate their independent learning.

Among the methods of increasing student motivation, the following can be distinguished: attractive and interesting technical design of the course using drawings,

PEDAGOGY ACTUAL PROBLEMS OF LEARNING AND TEACHING METHODS

diagrams, schemes, graphs; division of the course into separate modules with clear tasks for each of them; development of various variants of educational tasks; establishing timely and constructive feedback with the teacher; provoking and maintaining the spirit of competition among students; a visual demonstration to the student that he himself controls the situation, that his success directly depends on the efforts he made. Under such conditions, it is possible to support the student's faith in his own abilities, help him enjoy learning, and not perceive it as a heavy burden

Therefore, the implementation of remote forms of organization of the educational process requires special attention of the management of universities and the relevant ministry in solving a number of problems of a financial-economic, didactic, behavioral-methodological and motivational-psychological nature.

The rapid transition of domestic universities to distance learning has become a big and complex challenge, which brings considerable difficulties and problems to the educational environment, but, at the same time, it is a great chance to make Ukrainian education more competitive, flexible, attractive and high-quality. The authors of the XI International Scientific and Practical Conference «Actual problems of learning and teaching methods» were representatives of the following educational institutions:

Dnipro National University named after Oles Honchar; Polis National University; Uzhhorod National University; Lviv Polytechnic National University; Dnieper State Academy of Construction and Architecture; Kremenets Regional Humanitarian and Pedagogical Academy named after Taras Shevchenko; Professional Music College named after D. Sichinsky; Taras Shevchenko National University of Kyiv; Bogdan Khmelnitsky Melitopol State Pedagogical University; Scientific center of preventive toxicology, food and chemical safety named after Academician L.I. Medvedya; Ivano-Frankivsk National Technical University of Oil and Gas; Academy of Economic Studies of Moldova; Leonid Yuzkov Khmelnytskyi University of Management and Law; Dnipro State Technical University; Odesa National University of Economics; Podolsk State University; Zhytomyr Ivan Franko State University; Zhytomyr Medical Institute; Polis National University; Institute of Economic and Legal Research named after V.K. Mamutova; Academy of Financial Management; National University of Food Technologies; National Academy of Statistics, Accounting and Auditing; State University of Trade and Economics; Vadym Hetman Kyiv National University of Economics; Institute of Industrial Economics of the National Academy of Sciences of Ukraine; Institute of Geochemistry, Mineralogy and Ore Formation them M.P. Semenenko; Dnipro State Medical University; Cherkasy National University named after B. Khmelnytskyi; Uzhhorod National University; National Academy of the State Border Service of Ukraine named after Bohdan Khmelnytskyi; South Ukrainian National Pedagogical University named after K.D. Ushinsky; A. Nobel University; Yuri Fedkovich Chernivtsi National University; National Aviation University; National Pedagogical University named after M.P. Drahomanova; National University of Law named after Yaroslav the Wise; Uzhhorod National University; Kyiv University named after Borys Grinchenko; Lviv State University of Internal Affairs; Lviv State University of Internal Affairs; Kharkiv National University of Internal Affairs; Kharkiv National Pedagogical University named after KH. S. Skovoroda; Astana Medical University Shupyk National Healthcare University Of Ukraine; Kharkiv National Medical University; Ivano-Frankivsk National Medical University; Vinnytsia National Medical University named after M.I. Pirogov; Donetsk National Medical University; Odessa State Environmental University; Igor Sikorsky Kyiv Polytechnic Institute; Poltava V.G. Korolenko National Pedagogical University; Kharkiv National University of the Air Force named after Ivan Kozhedub; National Academy of the National Guard of Ukraine; Kharkiv National University named after V.N. Karazine; Bilotserki Humanitarian and Pedagogical College; Sumy State Pedagogical University named after A.S. Makarenko; Odesa National University named after I. I. Mechnikov; Lviv University of Trade and Economics and other.

Actual problems of learning and teaching methods

Scientific publications

Proceedings of the XI International Scientific and Practical Conference «Actual problems of learning and teaching methods», Vienna, Austria. 580 p. (December 06 – 09, 2022)

> UDC 01.1 ISBN - 979-8-88831-929-1 DOI - 10.46299/ISG.2022.2.11

Text Copyright © 2022 by the International Science Group (isg-konf.com). Illustrations © 2022 by the International Science Group. Cover design: International Science Group (isg-konf.com)[©] Cover art: International Science Group (isg-konf.com)[©]

All rights reserved. Printed in the United States of America.

No part of this publication may be reproduced, distributed, or transmitted, in any form or by any means, or stored in a data base or retrieval system, without the prior written permission of the publisher.

The content and reliability of the articles are the responsibility of the authors. When using and borrowing materials reference to the publication is required. Collection of scientific articles published is the scientific and practical publication, which contains scientific articles of students, graduate students, Candidates and Doctors of Sciences, research workers and practitioners from Europe, Ukraine, Russia and from neighboring countries and beyond. The articles contain the study, reflecting the processes and changes in the structure of modern science. The collection of scientific articles is for students, postgraduate students, doctoral candidates, teachers, researchers, practitioners and people interested in the trends of modern science development.

The recommended citation for this publication is: Omelchenko Y. Potential application of rare-earth metal nanoparticles against Epstein-Barr virus // Actual problems of learning and teaching methods. Proceedings of the XI International Scientific and Practical Conference. Vienna, Austria. 2022. Pp. 51-52

URL: https://isg-konf.com/actual-problems-of-learning-and-teaching-methods/