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# FUNDAMENTAL AND APPLIED SCIENTIFIC RESEARCH: TOPICAL ISSUES, ACHIEVEMENTS AND INNOVATIONS

#### **MATERIALS**

OF THE III INTERNATIONAL RESEARCH AND PRACTICAL INTERNET CONFERENCE

April, 30, 2022

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## III International Research and Practical Internet Conference (April, 30, 2022, Zdar nad Sazavou)

#### **3MICT**

#### БІОЛОГІЧНІ НАУКИ. ЕКОЛОГІЯ.

Вітер Н.Г.	
Зміна клімату і агролісомеліорація	4
Таркан Т.О., Петруша Ю.Ю.	
Актуальність та перспективність розробки антисептичних засобів для рук	
на основі екстрактів рослинної лікарської сировини	8
ДЕРЖАВНЕ УПРАВЛІННЯ ТА ЕКОНОМІКА	
Нагаєва Г.О.	
Агрострахування: ретроспективний аналіз та нові можливості	11
<b>Токар К.С.</b> Управління маркетинговою діяльністю сільськогосподарських підприємств .	14
ПЕДАГОГІКА І ПСИХОЛОГІЯ	
Onyshchenko Sergii	
Distance Education in Ukraine During Martial Law And Coronavirus Infection	
COVID-19 in the World	17
Petrova Oksana, Alifanova Svitlana	
Understanding the Implications of Learning English as a Foreign Language in	
Ukraine: Research and Prospects	19
Лясковець О.П., Безкоровайна О.В.	
Формування іншомовної мовленнєвої компетенції в говорінні	
старшокласників	21
СУЧАСНІ ІНФОРМАЦІЙНІ ТЕХНОЛОГІЇ	
Сяська І.О., Сяська Б.В.	
Застосування інноваційних технологій у викладанні концепції сталого	
розвитку в системі вищої освіти	24
ОСНОВИ ЗДОРОВ'Я. ФІЗИЧНА КУЛЬТУРА І СПОРТ	
Демідова О.М., Степанова І.В.	
Покращення психофізичного стану здобувачів вищої освіти з особливими	
потребами засобами тай-бо	27

## III International Research and Practical Internet Conference (April, 30, 2022, Zdar nad Sazavou)

#### ПЕДАГОГІКА І ПСИХОЛОГІЯ

### DISTANCE EDUCATION IN UKRAINE DURING MARTIAL LAW AND CORONAVIRUS INFECTION COVID-19 IN THE WORLD

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The spread of COVID-19 coronavirus infection in the world and the martial law in Ukraine have made radical changes in all spheres of life. Under the difficult living conditions of today, distance learning has become a universal solution to the problem of the format of the educational process, the main principle of which is interactive interaction between the subjects of educational services. Distance education, despite several decades of its development, has been quite active in our lives recently, in conditions of quarantine and martial law. If earlier it was said that the use of distance learning provides, above all, unsurpassed (compared to other forms of learning) speed of updating knowledge with the support of information resources selected by students from global and domestic electronic information networks, in Ukraine today distance learning education is the only form of ensuring the whole educational process.

Today, distance learning is one of the world's leading trends in education - this technology implements the principle of continuing education and is able to meet the ever-growing demand for knowledge in the information society.

Distance learning is the most flexible and accessible. In addition, distance learning meets the requirements of the new educational paradigm of the information society, namely: support for open, personality-oriented and lifelong learning; implementation of mass education for all categories of the population, regardless of their place of residence; diversification and improvement of professional training in higher education institutions by meeting the diverse needs of students from different social and demographic groups.

Distance learning is a form of learning using computer and telecommunication technologies that provide interactive interaction between teachers and students at different stages of learning and independent work with the materials of the information network.

Distance learning is a technology based on the principles of open learning, widely uses computer training programs for various purposes and creates with the help of modern telecommunications information educational environment for the supply of educational material and communication.

Distance learning is a form of educational organization that requires the use of modern information and communication technologies that allow learning at a distance without personal contact between teacher and student. Under such conditions, the emphasis in education is shifted to the independent work of the student, and the teacher acts as an organizer of the educational process, a consultant. All this encourages the search for new learning tools that would meet the requirements and needs of the

## Fundamental and applied scientific research: topical issues, achievements and innovations

educational process. Also, distance learning not only expands opportunities for quality education, but also allows to diversify the learning process, which is also a factor in increasing interest in discipline and motivation.

The advantage of distance learning can be considered its flexibility - an individual approach to teaching and learning material depending on the characteristics of previous training, experience and abilities of students. The convenience of learning at any time creates an opportunity for students to organize their own learning process, to resort to the repetition of material or related disciplines.

The unconditional advantage of distance learning is its economic efficiency, as the premises of educational institutions are not used, it is possible to conduct simultaneous training of a large number of people.

Virtual mobility and the absence of borders make it possible to get an education regardless of location in any educational institution in the world.