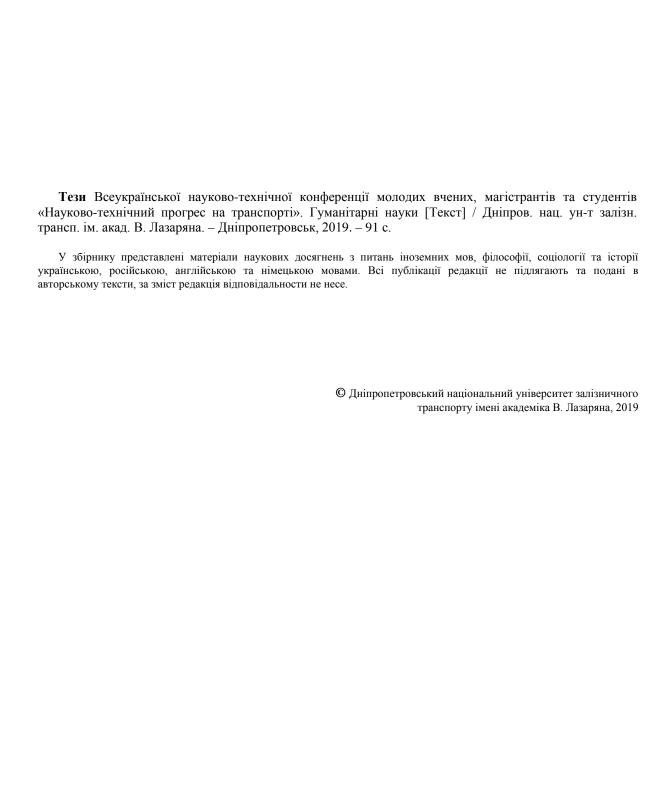
Міністерство освіти і науки України Дніпровський національний університет залізничного транспорту імені академіка В. Лазаряна

ТЕЗИ

79 Всеукраїнської науково-технічної конференції молодих вчених, магістрантів та студентів «Науково- технічний прогрес на транспорті» (25 березня – 31 березня 2019 року)

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increase the activity of enzymes and oxidation-reduction processes in the metabolism, which in turn leads to improved product quality, acceleration of processes ripening, increase in plant productivity. One of the factors affecting the improvement of seed quality of seeds, their accelerated germination in the soil is the temperature processing of the seed before the seed. The purpose of the research is to study and establish optimal parameters of temperature processing of seeds, as one of the factors of influence and changes in the quality of seeds of safflower.

Safflower is classified as a short-day plant. With the advancement to the north, it noticeably lengthens its growing season. Nevertheless, safflower has advantages over a sunflower. Safflower is a heat-resistant, drought-resistant, salt-tolerant crop, more stable in production than sunflower. Delivers short-term freezing, is characterized by a powerful root system and high concentration of cellular juice.

This culture does not require special cultivation technology, but although partial self-pollination is one of the characteristics of safflower, for the good productivity it is necessary to have insect pollinators.

EXPERIENCING FINANCIAL PRESSURE AMONG UNIVERSITY STUDENTS

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According to the latest research by the Ukrainian State Statistics Service, macroindicators of Ukraine showed positive results, but at the same time, the level of inflation significantly deviated from the targets of the National Bank of Ukraine and reached about 13-14%. The restoration of industry two years ago was interrupted by a break in trade relations with the temporarily occupied territories of the Donetsk and Lugansk regions, as a result of which, our economy lost up to one and a half percent of GDP growth. These changes affected the field of education. In 2018, only 25% of students get scholarships, and in 2019 they plan to cut down this amount to 15%. Thus, economists predict a rise of financial instability in the budgets of lots of students and their families.

The results of the social research conducted by us among the TSATU students showed that nearly 44 % of respondents face financial difficulties from time to time, 33 % told that they have no financial problems, and 23% of students have serious financial problems. At the same time, nearly 1/4 of students is supported by their parents, only 17% have the scholarship and 10% work in order to earn their living. Taking all of the received data into consideration, we can state that more than 60 % of respondents constantly experience financial problems.

Thus, we offer the most reasonable, in our opinion, solutions to financial problems that the students of our university and country are faced with:

- 1) Cashback. It is the process of returning part of the money from the purchase, and, in fact, one of the types of loyalty programs. It occurs on bank account after the commission for the purchase made by the user. Banks use cashback to attract customers to new services or work in areas that are not typical for themselves. For example, Alfa-Bank has a cashback program for payment in various types of outlets.
- 2) A financial safety cushion is an accumulated amount of savings in which you can live a certain time. Financiers argue that the best option for creating such a cushion is to set aside 10% of your monthly income. The optimal period to form a safety cushion is from 3 to 6 months. It is advised to keep money in precious metals, foreign currency, or on a bank deposit account.
- 3) If money loves the count how to learn to count them? The answer is rather obvious: you need to keep home accounting. The advantage of fixing the expenses and income is that you learn how to manage your financial resources properly. Saving the budget and maintaining it will not only restore order in your finances, but also have a positive effect on your life as a whole.

In conclusion, it should be mentioned that there are lots of ways to cope with financial problems, but the main reason of their existence is financial illiteracy. That's why, we think that extra courses on finance management should be organized not only for the TSATU students, but rather for the all members of our community.

BENEFITS OF USING GRAPHICS TABLET TECHNOLOGY IN THE CLASSROOM

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Computer technologies have drastically changed the life of modern society and, of course, had its impact on every sphere of our lives. According to the data taken from the statistics portal https://www.statista.com, in 2014 around 840 million people across the globe used a tablet at least once per month, equivalent to over 20 percent of the world's total population. In 2017 the number of tablet users has increased to 1.2 billion people.

Graphics tablet technology is known and widely used in graphics arts and design market segments; unfortunately, it has not yet found widespread recognition as a teaching tool among university teachers. At the beginning, before describing its main advantages in the classroom, we are eager to give a brief description of a graphics tablet and its components. A graphics tablet is a kind of a digital input device that gives a user the opportunity to draw images, similar to the way a person draws pictures with a pencil and paper. The graphics tablet is made up of a flat surface and a digital pen or a stylus, which is used to make free hand images. While drawing with the stylus on the surface of the graphics tablet, data about its movements is sent to the computer. According to this data an exact copy of what is being drawn on the surface of tablet is transmitted on the screen.

A graphics tablet is an affordable teaching tool that comprises the best features from traditional and modern teaching methods and techniques. It allows developing a progressive, interactive lecture that will be richer in content and more understandable for students. The main feature of the graphics tablet is its versatility; by this, we mean the ability to integrate graphic material such as tables, graphs, colours, etc. into the flow of the teaching process during the lesson.

Graphics tablet technology is rapidly invading the education field. A great amount of lecturers across the world widely use graphics tablets while teaching Engineering, Architecture, Arts and Design. Unfortunately, the EFL teachers are not among those ones who diversify their teaching by using these tools despite of all benefits they can provide:

Firstly, the EFL teachers can connect graphics tablet to the projector and use it as an alternative to the traditional blackboard.

Secondly, this technology releases teachers from standing in front of the blackboard or behind the computer screen and gives them the opportunity to move across the classroom providing better communication with students.

Thirdly, teachers can write anywhere on a virtual document. This way, they can always be sure that there will be always enough space to write large expressions and whole passages.

Moreover, if students have the same tablets they can use them in order to create their own presentations, posters and projects because everyone can easily draw, paint or edit his project on the tablet by using the stylus or mouse. Besides, a USB Graphics Tablet is absolutely application independent and teachers can use various programmes and applications.

In conclusion, it should be mentioned that graphics tablet is of great importance nowadays and can help teachers not only to diversify their work in classroom, but also promote students' creativity and critical thinking formation during classes.