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**MODERNISATION OF HIGHER EDUCATION
IN CENTRAL ASIA
THROUGH NEW TECHNOLOGIES
(HiEdTec)**



EVALUATION OF THE COURSES FOR TRAINERS FOR THE ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE TEACHING AND LEARNING METHODS OF KAZAKHSTAN

**Project: Modernisation of Higher Education in Central Asia through New
Technologies (HiEdTec)**

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Project Coordinator: ANGEL KANCHEV UNIVERSITY OF RUSE



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Main authors

NURBEKOVA ZH. – DIRECTOR OF THE INSTITUTE OF DIGITALIZATION, PROFESSOR, L.N. GUMILYOV EURASIAN
NATIONAL UNIVERSITY

Contributing persons

STEFANIE OESTLUND – UNIVERSITY OF LUXEMBOURG

AUREL MACHALEK – UNIVERSITY OF LUXEMBOURG

LATIF LADID – UNIVERSITY OF LUXEMBOURG

STOYANKA SMRIKAROVA- UNIVERSITY OF RUSE

TZVETOMIR VASSILEV - UNIVERSITY OF RUSE



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EXECUTIVE SUMMARY

The quality and benefits of the trainings for the acquisition of digital skills and innovative teaching and learning methods was evaluated considering the specific conditions in Kazakhstan.

An Evaluation of the institutional and online courses for the acquisition of digital skills and innovative teaching and learning methods will reflect the opinions of the participants. The aim of this evaluation is to determine whether the conducted trainings will be useful in higher educational institutions of Kazakhstan. This evaluation report will be annexed to the progress reports.

The courses were carried out in accordance with the project of Modernization of Higher Education System in Central Asia through new technologies (HiEdTec), WP5.7. Evaluation of the courses for trainers for the acquisition of digital skills and innovative teaching and learning methods in Turkmenistan.



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INTRODUCTION

The purpose of evaluation was to collect feedback about the institutional and online courses for the acquisition of digital skills and innovative teaching and learning methods.

Institutional courses or trainings of trainers were aimed at creating digital skills and innovative methods of teaching and learning, and also consisted of teaching lecturers to use a learning management system, such as Moodle, in the educational process and introduce useful functions of this system in the classroom.

Online courses on the acquisition of digital skills and innovative teaching and learning methods were also attended by Kazakhstani partners, and in the process of their conduct, students prepared presentations and conducted courses for lecturers online, in Russian and Kazakh.

Trainers use the acquired skills to improve their teaching methods, and they recognize that these trainings were really fruitful and useful to them.

PROJECT OVERVIEW

Trainers trained in digital skills and innovative teaching and learning methods organized online courses for lecturers. The courses were practice-oriented and allowed teachers to further use them in the educational process.

The main goal of the project is to adapt the education system in the partner countries to the digital generation by introducing and effectively using innovative educational technologies and didactic models (IET & DM) based on ICT in the educational process.

The consortium consists of 24 full partners - universities from 4 EU countries and 5 PCs.

The project will help transform partner higher education institutions into innovative universities and improve the quality of trained specialists needed to carry out the digital transformation of industries (Industry 4.0).



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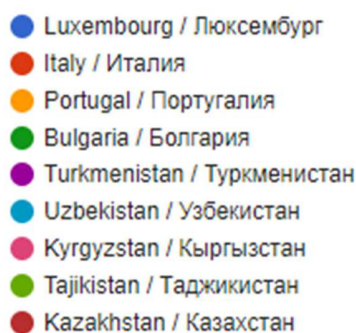
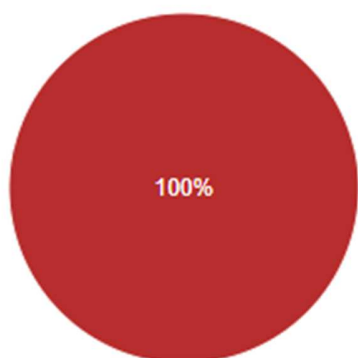
HiEdTEC QUESTIONNAIRE RESULTS

General Information

We received 12 answer to our questionnaire:

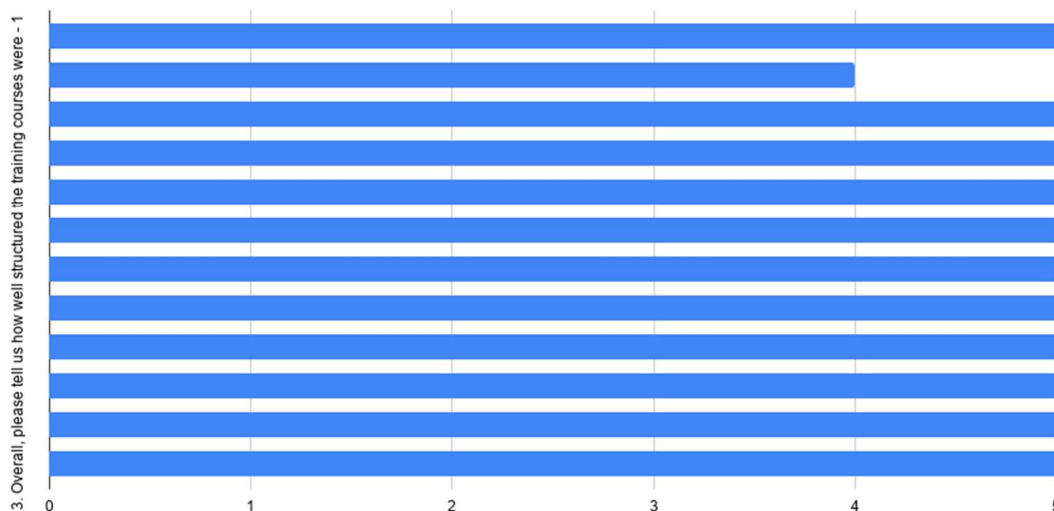
1. Which country are you from?

Kazakhstan -12 responses



2. Overall, please tell us how well structured the training courses were - 1 means not at all well structured and 5 means extremely well structured.

3. Overall, please tell us how well structured the training courses were - 1 means not at all well structured and 5 means extremely well structured / В целом, насколько хорошо был структурирован учебный курс – 1 означает, что не был структурирован, 5 означает что

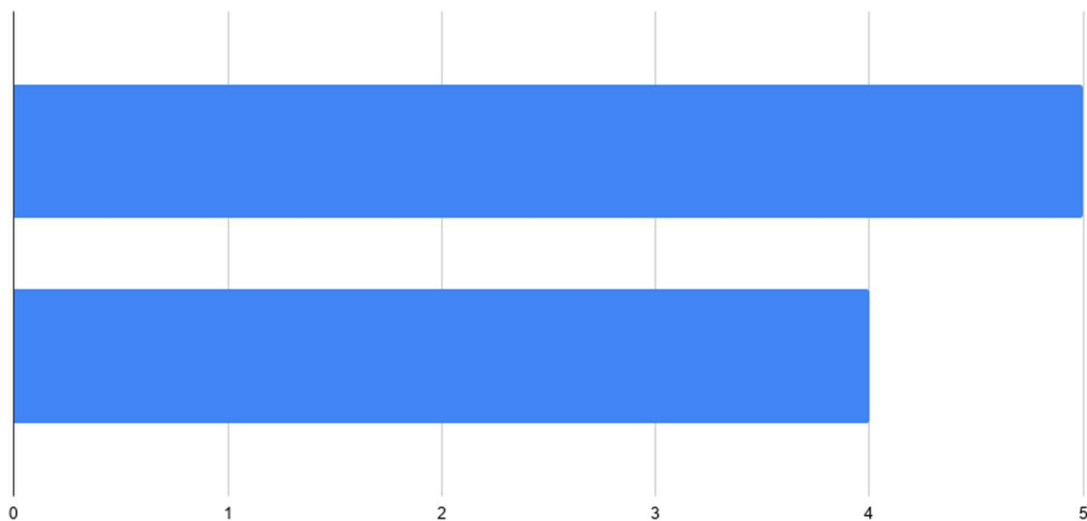




From 12 answers 91 % of the responders find the structure of training courses extremely well-structured, 8.3 % as well structured.

3. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.

4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good / Как Вы оцениваете качество, используя шкалу от 1 до 5, где 1 означает очень плохо, а 5 отлично



There were 12 answers for this question, from which 90 % find the quality of the training course extremely good, 8.3 % as very good.

4. Now we have a few questions about the objectives of the trainings. Please tell us your level of agreement with the following statements about the training courses, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."

The structure of the questions were following:

- The training objectives were clearly communicated:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
- The objectives were met:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
- Follow-up actions resulted from the trainings:
 - 7 responders from 12 strongly agreed;
 - 4 responders agreed;
 - 1 responder neutral.



- It is clear for what the training is needed:
 - 10 responders from 12 strongly agreed;
 - 2 responders agreed.
 - The right people were addressed with the trainings:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
 - The technical equipment has been explained sufficiently:
 - 6 responders from 12 strongly agreed;
 - 6 responders agreed.
 - The technical equipment is exactly the one explained in the trainings:
 - 6 responders from 12 strongly agreed;
 - 5 responders agreed;
 - 1 responder neutral.
 - I use the skills I learned during the training in my institution:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
 - I can correctly use and explain what I have learned during the trainings in my classroom:
 - 9 responders from 12 strongly agreed;
 - 2 responders agreed;
 - 1 responder neutral.
 - The trainings are exactly what was needed in the Institution to advance the learning processes:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
 - The trainings provided help to develop the teaching in an innovative way:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
 - The students profit from the new innovative teaching:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
5. We would also like your feedback on the outcome of the trainings. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree.
- The trainings will have an impact:
 - 7 responders from 12 strongly agreed;
 - 5 responders agreed.
 - The courses were useful for the teaching at my Institution:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.



- The things I have learned in the courses will help me to attract better students to the institution:
 - 7 responders from 12 strongly agreed;
 - 4 responders agreed;
 - 1 responder neutral.
- The courses will help me to create innovative teaching inside the institution:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
- The learned information helps me to hold more interesting classes:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
- The courses help me to please the needs of my students better:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
- The courses deliver exactly the result that I expected when we started the project:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
- The courses make my life as a teacher easier:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
- The learned information makes teaching more fun:
 - 8 responders from 12 strongly agreed;
 - 4 responders agreed.
- The new learned methods make students learn better:
 - 9 responders from 12 strongly agreed;
 - 3 responders agreed.
- The students seem to have more fun during the classes when I teach them in the new innovative way:
 - 10 responders from 12 strongly agreed;
 - 1 responders agreed;
 - 1 responder neutral.

6. If the training was not what you expected, what would you have expected?

Of the 12 respondents, 10 wrote their opinion.

- The course was useful, the goals of the courses were achieved during the training;
- The course was useful and informative;
- The course turned out to be very interesting, fascinating;
- Everything was great;
- I got everything I expected;
- The course was in line with expectations;



- All perfectly;
- The set goals are achieved;
- The courses were very helpful;
- The course met expectations.

7. If you disagree with any of the point above in No.5 or 6, please comment here mentioning the reasons.

Answers were given by 10 respondents out of 12. All 10 respondents indicated that they agree with the above points:

- I agree with all the statements.
- I got everything I expected

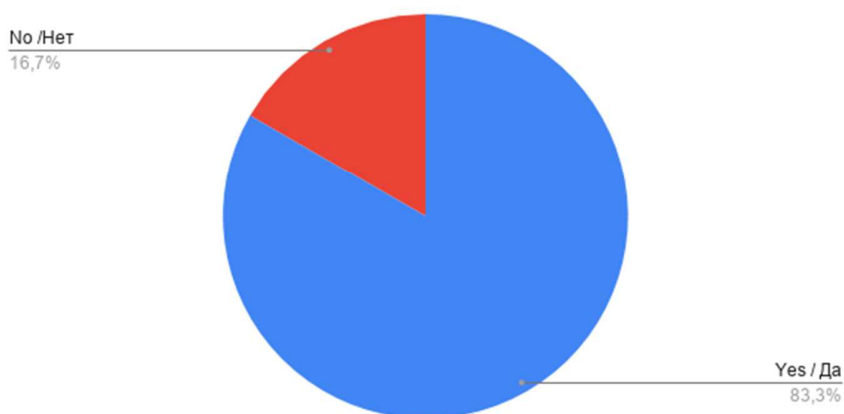
8. Were the training courses given on time?

From 12 responders 100% choose yes.

9. Did you get the chance for comments and criticism?

Out of 12 respondents, 83.3% chose "yes", 16.7% answered "no"

10. Did you get the chance for comments and criticism? /
Была ли у Вас возможность получить комментарии и



10. If the answer to question 10 was no, what comments or criticism would you have on the training courses?

2 out of 12 respondents left this item without comment.

11. Any other comments:

Answers were written in Russian and English. Out of 12 respondents, 9 wrote your opinion:



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- Thank you for the opportunity to take useful and necessary courses;
- Thank you, it was nice to learn from you;
- Learned to work in a team and learned even more the importance of digital educational resources in training;
- Sincere gratitude;
- Courses are incredibly relevant;
- Thanks for the Course !;
- Thank you for your useful work, for the knowledge of innovative technologies in training and teaching;
- The course is successful!

CONCLUSION

This report is an evaluation of the institutional and online courses for the acquisition of digital skills and innovative teaching and learning methods. As a result, trainers learned how to organize innovative courses based on digital skills, how to benefit from Moodle learning management system and how to prepare effective video lectures.

We selected the questionnaire as a methodology for assessing the quality of work and evaluating results for future deliverables.

We can conclude from answers that:

- The structure of the training courses was well-organized;
- The quality of the training was very high;
- The level of achieved objectives of the training was very high;
- The training was very useful for all users.