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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 KYRGYZSTAN**

**Project: Modernization 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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## **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 Kyrgyzstan.

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 Kyrgyzstan. 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 Kyrgyzstan.



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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.

The institutional courses or trainings of the trainers were in Kyrgyz and Russian languages and the main goal was to teach the lecturers about using learning management system such as Open Course System (Moodle) in the education process and implementing the useful features of the system in the classes.

Online courses for the acquisition of digital skills and innovative teaching and learning methods were also attended by Kyrgyz partners as well and in the proceeding, the attendants prepared video lectures related to their courses in Kyrgyz and Russian language. The prepared video lectures were uploaded to the educational portal of each higher educational institution. Thus, the trainings were beneficial in delivering the knowledge to the students.

Trainers use the taught skills in improving their teaching methods and they admit that these trainings were indeed fruitful and beneficial for them.

Moreover, the trainings were also recorded and uploaded to the institutional portal so that lecturers other than the trainers can also reach the courses and learn the methods of using LMS Moodle on their own. During the trainings almost all the necessary steps of preparing effective video lectures and appropriate programs, using learning management system and implementing this knowledge in the lectures were taught.



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## PROJECT OVERVIEW

In Kyrgyzstan, along with all sectors, the education system is developing both on an innovative and on a technological basis. “The Digital Kyrgyzstan for 2019-2023” was adopted by the Decree #20-p of the Kyrgyz Government on February 15, 2019. Given the fact that [position of the Kyrgyz Republic in the Education Level Index UNDP](#) was 65 in 2016, the country targets to achieve the level 50 by 2023.

In order to create and develop a digital educational system, it is essential to maintain its propitious software and technical. First of all, the network is created and the connection to this network is ensured. Then the server is connected in order to host electronic information resources on the network, i.e. lecture notes, manuals, books, video files, presentations and images. After installing the software and the corresponding server operating system, access to information resources is provided through the educational portal. Thus, network users will be able to use available resources using any browser.

International projects on the introduction and development of a digital educational environment are also being conducted in the higher educational institutions of our country. One of them is the international project “Modernization of Higher Education in Central Asia through New - Technologies - HiEdTec”.

The duration of the program is 3 years, during which it is planned to implement all the tasks assigned. In turn, this is one of the types of activities for the implementation of “[The Concept for the Digital Kyrgyzstan](#)”, as well as the study of international experience in this direction.

Adaptation of Higher Education to the digital generation on the basis of ICTs can play a crucial role in transforming teaching, learning and research practices for educators and students, in a top-quality 21<sup>st</sup>-century education system. Therefore, it is important to continue to develop skills and knowledge in order to keep pace with the constant innovations and new developments in the digital world. At the same time, the use of ICTs will significantly improve education management culture. The activity of scientific and methodological centers, departments, faculties, educational departments and other structural units in educational institutions requires the introduction of innovative approaches in the area of education.

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).



## HIEDTEC QUESTIONNAIRE RESULTS

### General Information

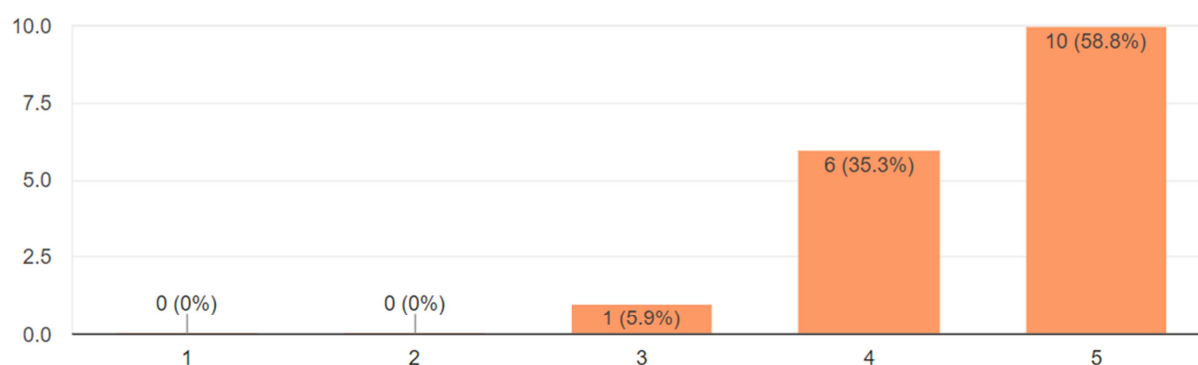
We received 17 answers to our questionnaire:

#### 1. Which country are you from?

Kyrgyzstan -17 responses



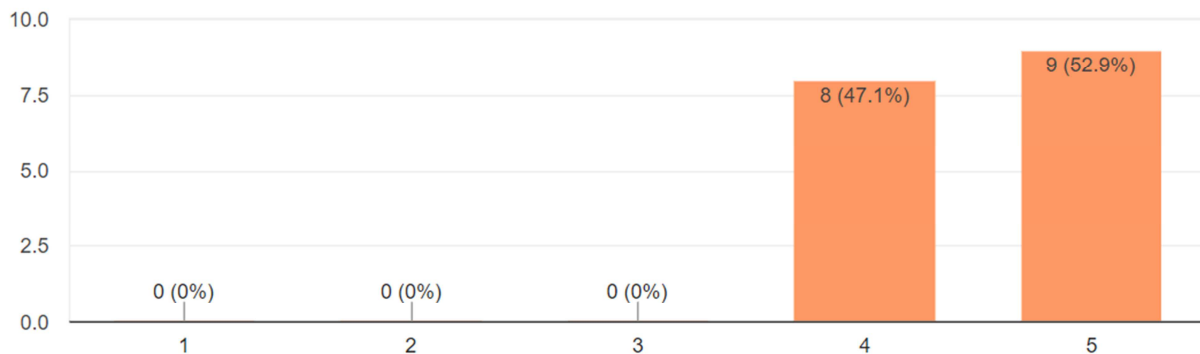
#### 2. Overall, please tell us how well structured the training courses were - 1 means not at all well-structured and 5 means extremely well structured.





From 17 answers 58,8% of the responders find the structure of training courses extremely well-structured, 35,3 % 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.**



There were 17 answers for this question, from which 47,1 % find the quality of the training course extremely good, 52,9% 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 was following:

- The training objectives were clearly communicated
  - 1 responder strongly disagree
  - 1 responder disagree
  - 10 responders from 17 agreed
  - 4 responders strongly agreed
- The objectives were met
  - 1 responder strongly disagree





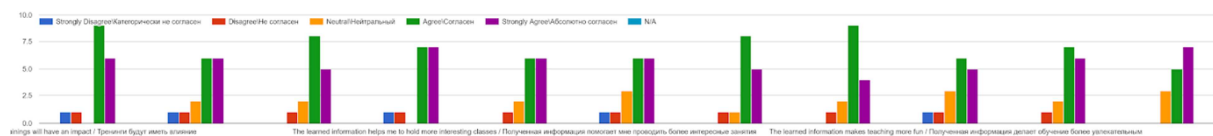
- 1 responder disagree
- 1 responder neutral
- 10 responders agreed
- 3 responders strongly agreed
- Follow-up actions resulted from the trainings
  - 1 responder strongly disagree
  - 1 responder disagree
  - 2 responders are neutral
  - 8 responders agreed
  - 4 responders strongly agreed
- It is clear for what the training is needed
  - 1 responder disagree
  - 1 responder neutral
  - 8 responders agreed
  - 5 responders strongly agreed
- The right people were addressed with the trainings
  - 1 responder strongly disagree
  - 2 responders are neutral
  - 8 responders agreed
  - 5 responders strongly agreed
- The technical equipment has been explained sufficiently
  - 1 responder disagree
  - 1 responder neutral
  - 8 responders agreed
  - 5 responders strongly agreed
- The technical equipment is exactly the one explained in the trainings
  - 3 responders are neutral
  - 8 responders agreed
  - 4 responders strongly agreed
- I use the skills I learned during the training in my institution
  - 1 responder disagree
  - 9 responders agreed
  - 5 responders strongly agreed
- I can correctly use and explain what I have learned during the trainings in my classroom
  - 1 responder strongly disagree
  - 1 responder disagree
  - 1 responder neutral
  - 8 responders agreed
  - 5 responders strongly agreed
- The trainings are exactly what was needed in the Institution to advance the learning processes
  - 1 responder disagree



- 3 responder neutral
- 6 responders agreed
- 5 responders strongly agreed
- The trainings provided help to develop the teaching in an innovative way
  - 1 responder disagree
  - 2 responder neutral
  - 6 responders agreed
  - 5 responders strongly agreed
- The students profit from the new innovative teaching
  - 1 responder disagree
  - 2 responder neutral
  - 7 responders agreed
  - 5 responders strongly 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.**

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. / Мы также хотели бы получить ваши отзывы о результатах тренингов. Сообщите нам свой уровень согласия со следующими утверждениями по шкале от 1 до 5, где 1 означает, что вы категорически не согласны, а 5 означает, что вы полностью согласны.



- The trainings will have an impact
  - 1 responder strongly disagree
  - 1 responder disagree
  - 9 responders from 17 agreed
  - 6 responders strongly agreed
- The courses were useful for the teaching at my Institution
  - 1 responder strongly disagree
  - 1 responder disagree
  - 2 responder neutral
  - 6 responders agreed
  - 6 responders strongly agreed
- The things I have learned in the courses will help me to attract better students to the institution
  - 1 responder disagree
  - 2 responder neutral
  - 8 responders agreed
  - 5 responders strongly agreed



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



- 7 responders strongly agreed

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

The answers were written in English. From 17 responders only 2 wrote their opinion.

- Everything as I expected.
- Overall the training was about the tools that we were already using. Just some points were new.

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

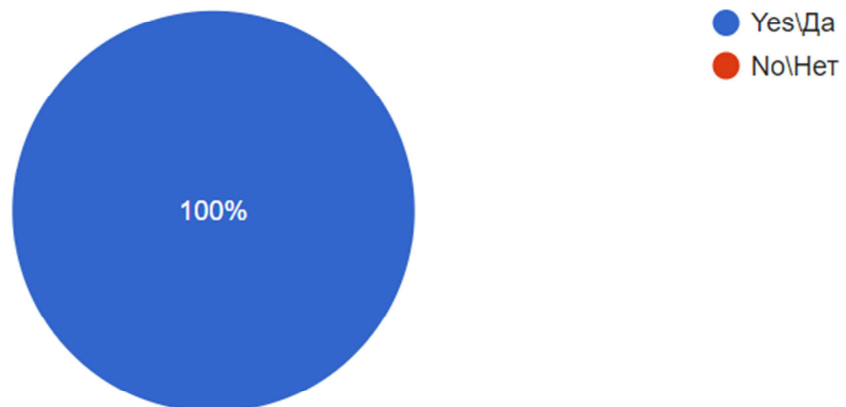
The answers were written in English. Only one from 17.

- Some of my answers were neutral, because as I have written in Q6, tools were already used.

**8. Were the training courses given on time?**

From 16 responders 100% choose yes.

16 responses





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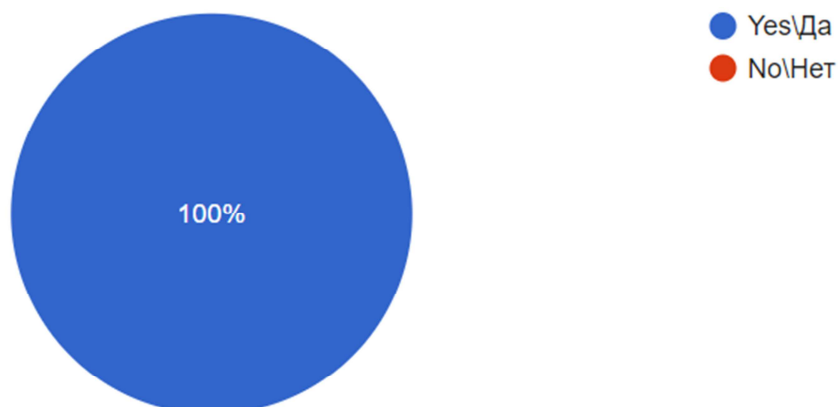
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**9. Did you get the chance for comments and criticism?**

From 16 responders 100 % choose yes.

16 responses



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

The answers were written in Russian. 1 responder from 17.

- No.

**11. Any other comments:**

The answers were written in English. From 17 responders only 3 wrote their opinion.

- No comments
- Training courses are well done. I really liked it.  
Thanks a lot for all!



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## **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 high;
- The quality of the layout and content was good;
- The level of achieved objectives of the training was high;
- Chance for comments, criticism and timing was provided well;
- The training was useful for all users.