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**МОДЕРНИЗАЦИЯ ВЫСШЕГО  
ОБРАЗОВАНИЯ В ЦЕНТРАЛЬНОЙ АЗИИ  
ЧЕРЕЗ НОВЫЕ ТЕХНОЛОГИИ  
(HiEdTec)**



# **EVALUATION OF THE CENTERS FOR INNOVATIVE EDUCATIONAL TECHNOLOGIES KYRGYZSTAN**

**Project: Modernization of Higher Education in Central Asia  
through New Technologies (HiEdTech)**

**Project №: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP**

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**Bishkek – 2021**



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of the European Union

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



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*Work package number:* 5.4  
*Heading* 5.4 Evaluation Report of the Centers for Innovative Educational  
Technologies in Kyrgyzstan  
*Delivery nature type:* Report  
*Distribution level:* National  
*Status / Version:* Final  
*Date:* May, 2021

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This document has been produced with the support of the European Commission under the ERASMUS + program, KA2 - Capacity Building in Higher Education: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP. The document reflects only the views of the authors and the Commission cannot be held responsible for any use of the information contained therein.

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## **EXECUTIVE SUMMARY**

Evaluation Questionnaire Report of the Centers for Innovative Educational Technologies was prepared in accordance with the training courses that were conducted in partner universities from Kyrgyzstan. An assessment of the Centers for Innovative Educational Technologies will be undertaken here. The quality and use of the centers for digital skills acquisition and innovative teaching and learning methods were assessed taking into account the specific conditions in Kyrgyzstan.

Evaluation of the Centers for Innovative Educational Technologies will reflect the views of the participants. The purpose of this assessment is to determine if the Centers for Innovation Educational Technology have been properly established in accordance with the requirements. This evaluation report will be attached to the records of the work done.

Centers for Innovative Educational Technologies were organized in accordance with the project "Modernization of the Higher Education System in Central Asia through new technologies" (HiEdTech), WP5.4.

## **INTRODUCTION**

The purpose of evaluation was to collect feedback on the Centers for innovative educational technologies in Kyrgyzstan. Centers for innovative educational technologies were opened at the Ala-Too International University (P5), at the Issyk-Kul State University named after I. Tynystanov (P6), at the Kyrgyz State Technical University named after I. Razzakov (P7).

The centers were created in accordance with the project "Modernization of Higher Education in Central Asia through New Technologies" (HiEdTec) with the aim of improving the qualifications of teachers, teaching digital skills, adapting the educational system to the digital generation through the active and effective use of ICT-based innovative educational technologies thereby contributing to the digital transformation of education.

### **Objectives of the Center:**

- assimilate innovative educational technologies, adapting them to the conditions of the university;
- promote innovative educational technologies, including virtual education model through various lectures, courses, seminars, etc.;
- assist in equipping all lecture halls, and subsequently, laboratories, with interactive presentation systems and laptops;
- participate in the organization and conduct of national seminars and conferences on the



digital transformation of education;

- participate in the organization and conduct of national and international conferences in the field of digital transformation of education;
- popularize own activities on social networks.

## **PROJECT OVERVIEW**

Trainers trained in digital skills and innovative teaching and learning methods have organized teacher training courses at every partner university in Kyrgyzstan. The courses were focused on a practical orientation and allowed lecturers / teachers to further use them in the educational process.

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

The consortium consists of 24 full partners - universities from 4 EU countries and 5 PS. The project will help transform partner universities into innovative universities and improve the quality of trained specialists required for digital transformation of industries (Industry 4.0).

The project recognizes the use of technology in transforming learning, developing collaboration solutions, enhancing the role of educators in an innovative technology-supported learning environment, enabling them to engage in professional learning that prepares them to skillfully apply research-based approaches to didactic learning.



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## HiEdTech - SURVEY RESULTS

### GENERAL INFORMATION

We received a total of 161 responses to our questionnaire:

### Questionnaire for the Assessment Center for Innovative Educational Technologies, Kyrgyzstan

#### 1. Which country do you represent? 161 Answers

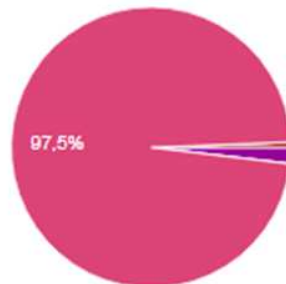
157 of respondents answered – Kyrgyzstan

3 of the respondent answered - Turkmenistan (citizens of Turkmenistan work in the AIU)

1 the respondent answered - Kazakhstan (citizens of Kazakhstan work in the AIU)

1. Which country are you from? Какую страну вы представляете? Отметьте только один вариант ответа.

161 ответ





## 2. What university do you represent?

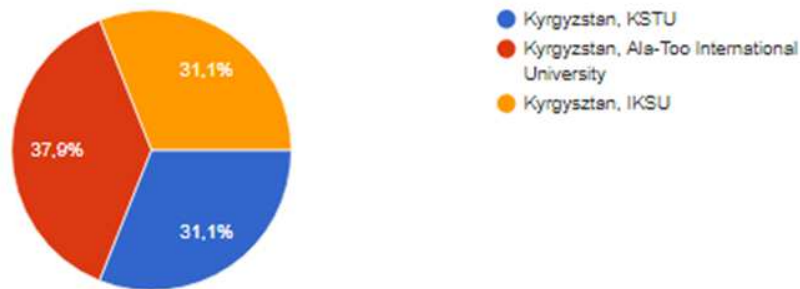
161 answers, of which:

37,9% *Ala-Too International University (61 respondents)*

31,4% *Issyk-Kul State University named after K. Tynystanov (50 respondents)*

31,1% *KSTU named after I. Razzakov (50 respondents)*

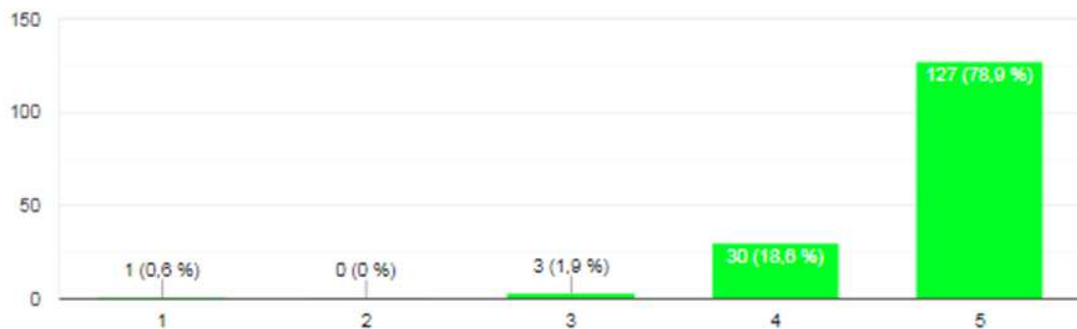
161 ответ



## 3. Overall, how well structured the Center is (1 - not at all structured, 5 - very well structured). 161 replies

Of the 161 responses, 78.9% of respondents considered the structure of the center is very well structured, 18.6% of respondents - a well-structured and 1.9% of respondents consider the structure is average

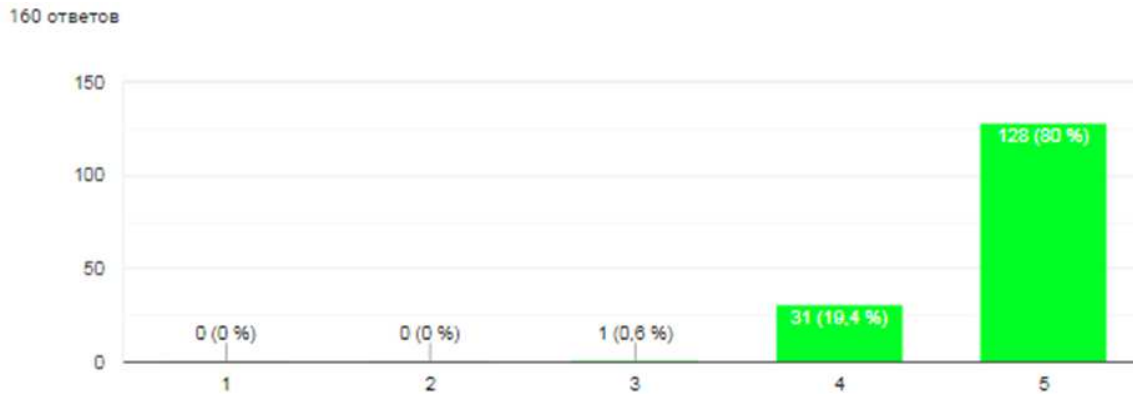
161 ответ





**4. How well do you rate the quality?  
(1 - very bad 5 - very good).**

160 answers were given to this question, of which 80% consider the quality to be very good, 19.4% - good, 0.6% - average.



**5. A few questions about the use and purpose of the Centers. Indicate how much you agree with the following statements about the Center.  
Rate from 1 to 5. (1 - strongly disagree, 5 - strongly agree. If the statement does not apply to you, select "No answer").**

The structure of the questions was as follows:

- **Objectives have been achieved:**
  - 93 respondents strongly agree
  - 56 respondents agree
  - 3 respondents remained neutral
  - 4 respondents answered no data
  - 2 respondents strongly disagree
  - 3 respondents disagree
  - 4 respondents did not answer this question
  
- **Follow-up activities achieved as a result of the work of the Center:**
  - 96 respondents strongly agree
  - 52 respondents agreed
  - 5 respondents remained neutral
  - 3 respondents disagree
  - 2 respondents strongly disagree
  - 2 respondents did not answer this question





- **Center's objectives are clear:**
  - 92 respondents strongly agree*
  - 58 respondents agreed*
  - 4 respondents remained neutral*
  - 1 respondent strongly disagree*
  - 5 respondents disagree*
  - 1 respondent did not answer this question*
  
- **The Right People Have Been Involved in Establishing the Center:**
  - 97 respondents strongly agree*
  - 53 respondents agreed*
  - 5 respondents remained neutral*
  - 3 respondents strongly disagree*
  - 2 respondents disagree*
  - 1 respondent did not answer this question*
  
- **The technical equipment was adequately explained:**
  - 94 respondents strongly agree*
  - 57 respondents agreed*
  - 3 respondents remained neutral*
  - 2 respondents strongly disagree*
  - 3 respondents disagree*
  - 2 respondents did not answer this question*
  
- **The technical equipment was installed:**
  - 90 respondents strongly agree*
  - 59 respondents agreed*
  - 3 respondents remained neutral*
  - 1 respondent disagree*
  - 5 respondents strongly disagree*
  - 2 respondents did not answer this question*
  
- **Technical tools are used in the institution:**
  - 100 respondents strongly agree*
  - 52 respondents agreed*
  - 3 respondents remained neutral*
  - 2 respondents disagree*
  - 3 respondents strongly disagree*
  - 1 respondent answered no data*
  
- **Explains the use of technical equipment to users:**
  - 99 respondents strongly agree*



*51 respondents agreed*  
*2 respondents remained neutral*  
*3 respondents disagree*  
*3 respondents strongly disagree*  
*2 respondents answered no data*  
*1 respondents did not answer*

• **The provided equipment is exactly what the institution needed to accelerate the learning process:**

*92 respondents strongly agree*  
*58 respondents agreed*  
*2 respondents remained neutral*  
*3 the respondent strongly disagrees*  
*3 respondents disagree*  
*1 respondents answered no data*  
*2 respondents did not answer this question*

• **The provided equipment is used in an innovative way:**

*94 respondents strongly agree*  
*52 respondents agreed*  
*5 respondents remained neutral*  
*3 respondent disagree*  
*3 the respondent strongly disagrees*  
*1 respondent answered no data*  
*3 respondents did not answer this question*

• **The center is well located inside the institution:**

*93 respondents strongly agree*  
*56 respondents agreed*  
*3 respondents remained neutral*  
*3 respondents disagree*  
*2 respondents strongly disagree*  
*1 respondent answered no data*  
*2 respondents did not answer this question*

• **Students have benefits from new innovative learning opportunities**

*98 respondents strongly agree*  
*52 respondents agreed*  
*2 respondents remained neutral*  
*3 respondents strongly disagree*  
*2 respondents disagree*  
*1 respondent answered no data*



*3 respondents did not answer this question*

• **The objectives of the Centers were clearly articulated**

*96 respondents strongly agree  
55 respondents agreed  
2 respondents remained neutral  
2 respondents strongly disagree  
3 respondents disagree  
1 respondent answered no data  
2 respondents did not answer this question*

**6. How much do you agree with the following statements about the Center.**

**Rate from 1 to 5. (1 - strongly disagree, 5 - strongly agree).**

The structure was the following questions:

• **The Center will have an impact**

*94 respondents strongly agree  
58 respondents agreed  
2 respondents remained neutral  
2 respondents answered no data  
2 the respondent strongly disagrees  
2 respondent disagree  
2 respondents did not answer this question*

• **The Center is useful for learning in the institution:**

*108 respondents strongly agree  
48 respondents agreed  
0 respondents remained neutral  
2 respondents strongly disagree  
1 respondent disagree  
2 respondents answered no data  
0 respondents did not answer this question*

• **The Center will help teachers attract the best students to the institution:**

*100 respondents strongly agree  
55 respondents agreed  
1 respondent remained neutral  
2 respondent disagree  
1 respondent strongly disagree  
1 respondent answered no data  
1 respondent did not answer this question*



- **The Center will help teachers create innovative teaching within the institution**
  - 104 respondents strongly agree*
  - 49 respondents agreed*
  - 3 respondents remained neutral*
  - 2 respondent replied that there is no data*
  - 1 respondent strongly disagree*
  - 1 respondents did not answer this question*
  - 1 respondent answered no data*
  
- **The Center helps me to do more interesting activities:**
  - 102 respondents strongly agree*
  - 50 respondents agreed*
  - 2 respondents remained neutral*
  - 1 respondent answered no data*
  - 1 respondent strongly disagree*
  - 2 respondents disagree*
  - 2 respondents did not answer this question*
  
- **The Center helps me to better serve the needs of my students:**
  - 97 respondents strongly agree*
  - 54 respondents agreed*
  - 3 respondents remained neutral*
  - 1 respondent strongly disagree*
  - 2 respondents disagree*
  - 1 respondent answered no data*
  - 3 respondents did not answer this question*
  
- **The Center provides exactly the result that I expected when we started the project:**
  - 94 respondents strongly agree*
  - 56 respondents agreed*
  - 4 respondents remained neutral*
  - 1 respondent answered no data*
  - 2 respondents strongly disagree*
  - 2 respondents disagree*
  - 2 respondents did not answer this question*
  
- **The Center makes my life as a teacher easier**
  - 94 respondents strongly agree*
  - 57 respondents agreed*
  - 3 respondents remained neutral*
  - 1 respondent answered no data*



*2 respondents strongly disagree*  
*2 respondents disagree*  
*2 respondents did not answer this question*

• **The Center makes learning more fun:**

*100 respondents strongly agree*  
*51 respondents agreed*  
*2 respondents strongly disagree*  
*2 respondents disagree*  
*1 respondent answered no data*  
*4 respondents did not answer this question*

• **The center makes students learn better:**

*85 respondents strongly agree*  
*58 respondents agreed*  
*5 respondents remained neutral*  
*1 respondent answered no data*  
*3 respondents strongly disagree*  
*3 respondents disagree*  
*5 respondents did not answer this question*







• **Students seem to have more fun while taking classes using the Innovation Center:**

*93 respondents strongly agree*  
*56 respondents agreed*  
*3 respondents remained neutral*  
*1 respondent answered no data*  
*2 respondents strongly disagree*  
*2 respondents disagree*  
*4 respondents did not answer this question*

**7. If the Center does not meet your expectations, what were your expectations?**

**31 answers**

*31 out of 161 respondents wrote their opinion.*

-  Answers
-  Meets all expectations
-  defended
-  Good
-  Yes
-  The center meets my expectations



- + Hope there will be better performance over time
- + Orderly
- + The best internet environment is provided in the center. In addition, technology environments also have been provided. Center is ready for the new generation educational environment places.
- + positive
- + The technical capacity of the institution is weak to meet the needs of all students. There are no computers, no equipment, no competent teachers. Everything is kept on a voluntary basis. I thought there would be enough equipment, I was deeply mistaken and disappointed
- + Normal
- + Waiting for
- + Lived up to the expectation
- + Student ratio should be minimised
- + Meets my expectations
- + The center meets all the requirements and is competent in performing its duties and achieving the set goals
- + Meets expectations.
- + Great
- + It is good for its stage as it is newly emerging.
- + Hoped to see more modern technology
- + The expectations are to improve the skills.
- + I would use the old one
- + Disappointment.
- + fully responds

**8. If you disagree with any of the above # 5 or 6, please comment here with reasons.**

*Answers were given by 23 respondents out of 161 respondents. All respondents indicated that they agree with the points above:*

- + Everything is good
- + I agree to everyone
- + I agree
- + 5
- + Agree
- + Agree
- + I have no disagree point.
- + No reason
- + To achieve the goals, it is necessary to provide access to equipment for each student. Until that is, there will be social stratification, imbalance and injustice. Unfortunately, one center cannot provide assistance, but improve education. The pandemic has revealed social inequality, poor students cannot study, pay for the Internet, buy a computer, and the same goes for teachers. Not all teaching staff were able to adapt to the new training system. It takes time, investment and energy to build



capacity. For a year or two this is a short period Decades will be spent on transformation

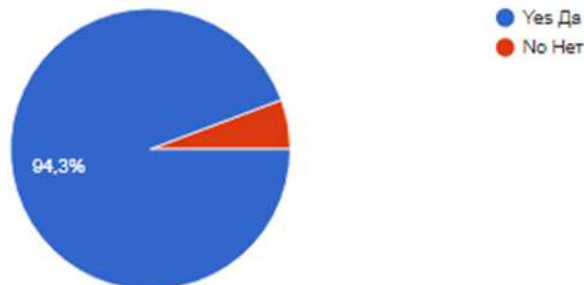
- ✚ I totally agree
- ✚ Yes, I agree with 5
- ✚ No
- ✚ Agree
- ✚ The issues discussed in paragraphs 5 and 6 could not objectively reflect the activities of the center.
- ✚ There is still little information about the work of the center. More time is needed to objectively assess the activities of the centers.
- ✚ responds
- ✚ I do not disagree
- ✚ I agree.
- ✚ I agree
- ✚ arranges
- ✚ I agree in everything
- ✚ Agree

**9. Was the Center established on time? 158 answers**

94.3% of 158 answers answered "YES"

9. Was the Center created on time? Был ли Центр создан вовремя? Отметьте только один вариант ответа.

158 ответов



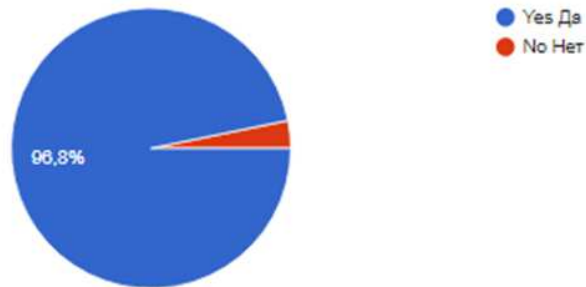
**10. Did you get the opportunity for comments and criticism?**

Of 157 answers, 96.8% answered "YES".



10. Did you get the chance for comments and criticism? Вы получили возможность для комментариев и замечаний? Отметьте только один вариант ответа.

157 ответов



**11. If the answer to question 10 was NO, what comments or criticism would you make in the training courses? 17 answers.**

All comments are positive and no criticism

- + Did not have
- + No
- + The center must always be accessible and the equipment must always be in working order
- + More attention should be paid to motivating teachers and students to cooperate with the center.
- + No comments
- + More advertisement need to be made to have involvement of every stakeholders.
- + Good
- + Only wishes. Prosperity and improvement
- + Normal
- + Answers
- + No
- + Arranges
- + Not yet
- + Thanks
- + Serenity
- + No
- + No comments

**12. Any other comments you may have. 35 answers**

35 out of 158 respondents left their comments.

- + excellent





- ✚ Thanks to the center!
- ✚ I'm glad that they opened
- ✚ Wish the luck.
- ✚ More courses on new techniques using IT technology
- ✚ The coach is great. Patience for you, and you need to make your courses on a systematic basis.
- ✚ I wish success to both students and teachers!
- ✚ Everything well
- ✚ No comments yet
- ✚ Thanks to the PC course, I gained a lot of skills to improve the quality of teaching
- ✚ This project helped a lot to AIU.
- ✚ Thank you for the evaluation
- ✚ All right,
- ✚ For innovation, it would be good to train teaching stuff in a systematic and practical way.
- ✚ I wish you success in your work
- ✚ Its a really good opportunity nowadays. Continuously, each such center should try to find its weak points, fix them and become better and better.
- ✚ I liked everything
- ✚ Success
- ✚ It is great place both for lecturers and students!
- ✚ Good luck to the center!
- ✚ Overall infrastructure is good ,but still we will try to improve it to meet the international standards
- ✚ Good luck!
- ✚ Things are good
- ✚ Interaction with similar centers in other countries is necessary.
- ✚ No Thanks
- ✚ Not any.
- ✚ Wish you luck
- ✚ Having feedback.
- ✚ You are cool, the most relevant, especially during a pandemic, I felt the demand for your project
- ✚ Thanks
- ✚ No comments
- ✚ Good luck
- ✚ I wish you success in your further work. You are the future of digital educators. According to the concept of your project, a lot has already been done and has begun, for example, from the Ministry of Education and Science of the Kyrgyz Republic, after a seminar held by our university, we were invited to participate in the republican project "Adaptation of teaching the subject of the state language to the digital generation", i.e. conduct trainings in the republic. Let's hope for a good result
- ✚ I am for this center



## **CONCLUSION**

This report is an assessment of Centers for Innovative Educational Technologies. As a result, lecturers / teachers learned how to organize Innovative Courses based on digital skills, how to benefit from the Moodle Learning Management System and how to prepare effective video lectures at the centers.

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

### **FROM THE ANSWERS IT IS POSSIBLE TO DRAW THE CONCLUSION, THAT:**

- Centers for Innovative Educational Technologies were well organized;
- The quality of the Centers meets high requirements;
- The equipment of the center is used in an innovative way;
- Students benefit from innovative new learning opportunities;
- The center helps teachers attract the best students to the institution;
- Achieved learning objectives were at a high level;
- There are good opportunities for comment, criticism and timing;
- The training was useful for all users.