OPEN EDUCATIONAL RESOURCES EVALUATION REPORT IN KYRGYZSTAN

Project: Modernization of Higher Education in Central Asia though New Technologies (HiEdTec)

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

Project coordinator: UNIVERSITY OF RUSE ANGEL KANCHEV

Bishkek – 2022

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

Work package number:	5.9
Heading	5.9 Report on the assessment of open educational resources in Kyrgyzstan
Delivery nature type:	Report
Distribution level:	National
Status / Version:	Final
Date:	November, 2022

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EXECUTIVE SUMMARY

The report on the Questionnaire for the Assessment of Open Educational Resources in Kyrgyzstan was prepared in accordance with the training courses that were conducted in partner universities from Kyrgyzstan.

This will be an assessment of open educational resources in Kyrgyzstan. The quality and possibilities of using open educational resources in Kyrgyzstan were assessed taking into account the specific conditions in Kyrgyzstan.

The evaluation of open educational resources in Kyrgyzstan will reflect the opinions of the participants. The purpose of this assessment is to determine whether open educational resources in Kyrgyzstan have been properly created in accordance with the requirements. This evaluation report will be attached to the progress reports.

Open Educational Resources in Kyrgyzstan was organized in accordance with the project "Modernization of the system of higher education in Central Asia with the help of new technologies" (HiEdTec), WP4.4.

INTRODUCTION

The purpose of the evaluation was to collect feedback on open educational resources in Kyrgyzstan. A virtual library of Kyrgyzstan has been created with digital educational resources based on the distance learning environment Moodle LMS. Library address: https://open.kstu.kg/

5 web-based courses were created by teachers of Ala-Too International University (P5), Issyk-Kul State University named after K. Tynystanov (P6), Kyrgyz State Technical University named after I. Razzakov (P7).

Within the framework of the HiEdTec project, communication equipment was supplied to the universities of the consortium of the Kyrgyz Republic, on the basis of which a virtual library of Kyrgyzstan was created, which hosts 15 web-based courses. Open educational resources in Kyrgyzstan 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

active and effective use based on ICT innovative educational technologies, thereby contributing to the digital transformation of education.

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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HiEdTec SURVEY RESULTS

General information

We received a total of 105 responses to our questionnaire:

4.4_Questionnaire for evaluating open educational resources, Kyrgyzstan

1 Which country are you from? 104 responses from Kyrgyzstan

1. Which country are you from? Какую страну вы представляете?

105 ответов
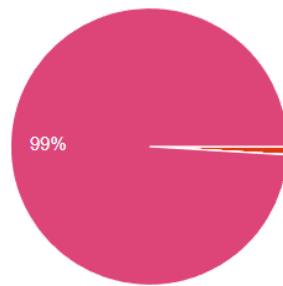
- Luxembourg\Люксембург
- Italy\Италия
- Portugal\Португалия
- Bulgaria\Болгария
- Turkmenistan\Туркменистан
- Uzbekistan\Узбекистан
- Kyrgyzstan\Кыргызстан
- Tajikistan\Таджикистан
- Kazakhstan\Казахстан

2. Who are you?

Of the 105 responses answered: 41% teachers, 55.2% students, 2.2% engineers, 1% employer, 1% schoolgirl.

2. Who are you? Кто вы?

105 ответов
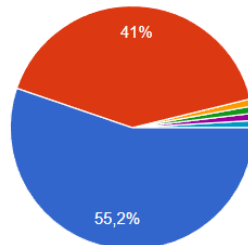
- Student/студент
- Teacher/учитель
- Engineer
- Инженер
- Работодатель
- Школьница

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3. Overall, please tell us how well structured the open educational resources - 1 means not at all well structured and 5 means extremely well structured. 105 answers

Of the 105 answers, 65,7% of respondents consider the structure of open educational resources very well structured, 17,1% of respondents - well structured, 12,4% of respondents consider the structure to be average, 3,8% - not very well structured and 1,1% - poorly structured..

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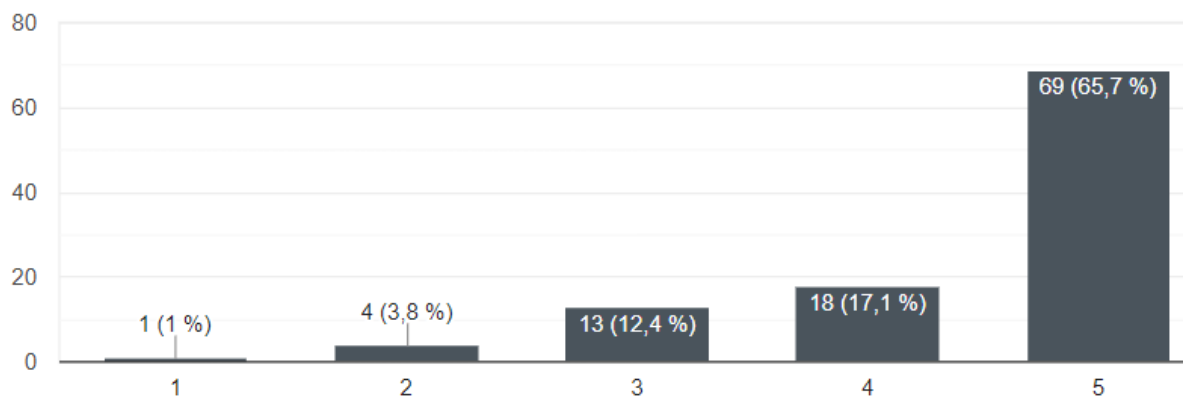
4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good

105 answers were given to this question, of which 64,8% consider the quality to be very good, 19% to be good, 12,4% to be average, 1,1% not to be very good, and 2,9% to be very poor.

105 ответов

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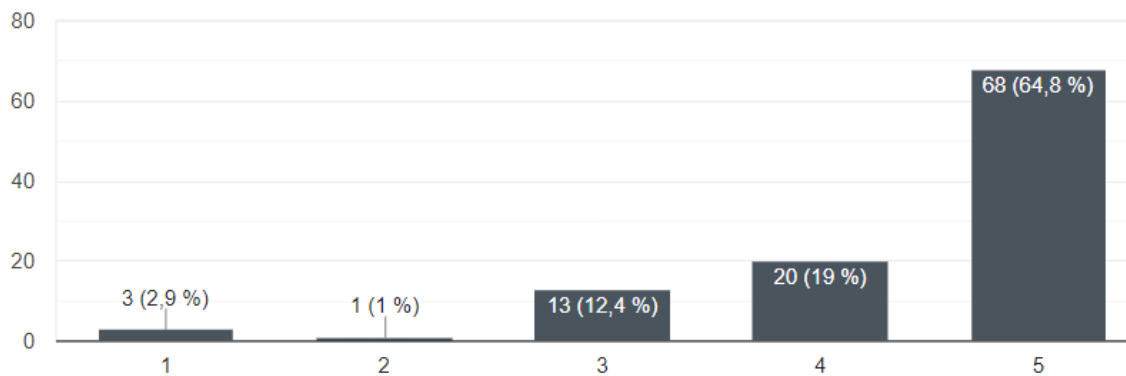 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."

The structure of the questions was as follows:

- **The objectives were clearly communicated:**

40 respondents strongly agree

28 respondents agree

4 respondents remained neutral

3 respondents answered NA

8 respondents strongly disagree

1 respondent disagree

21 respondents did not answer this question

- **The objectives were met:**

38 respondents strongly agree

27 respondents agreed

7 respondents remained neutral

1 respondent disagree

10 respondents strongly disagree

3 respondents answered NA

19 respondents did not answer this question•

Follow-up actions resulted from the open educational resources:

45 respondents strongly agree

21 respondents agreed

4 respondents remained neutral

2 respondents disagree

5 respondents strongly disagree

5 respondent answered no answer

23 respondents did not answer this question

• **It is dear for what the material is needed for:**

51 respondents strongly agree

23 respondents agreed

4 respondents remained neutral

7 respondents strongly disagree

1 respondents disagree

4 respondent answered NA

15 respondents did not answer this question

• **The right people were addessed with the open educational resources:**

44 respondents strongly agree

23 respondents agreed

4 respondents remained neutral

7 respondents strongly disagree

1 respondents disagree

4 respondents answered NA

22 respondents did not answer this question

• **The technical equipment has been explained sufficiently:**

40 respondents strongly agree

25 respondents agreed

5 respondents remained neutral

1 respondent disagree

8 respondents strongly disagree

4 respondents answered NA

22 respondents did not answer this question

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- **The technical equipment is exactly the one neccessary and working for this purpose:**

39 respondents strongly agree

25 respondents agreed

6 respondents remained neutral

5 respondent disagree

8 respondents strongly disagree

4 respondent answered NA

18 respondents did not answer this question

- **I can correctly use and explain what I have to do to use the open educational resources:**

42 respondents strongly agree

21 respondents agreed

7 respondents remained neutral

6 respondent strongly disagree

2 respondents disagree

4 respondents answered NA

23 respondents did not answer this question

- **The material is exactly what is needed in the Institution to advance the learning processes:**

45 respondents strongly agree

22 respondents agreed

3 respondents remained neutral

2 respondent disagree

9 respondent strongly disagree

4 respondents answered NA

20 respondents did not answer this question

• The material provided helps to develop the teaching in an innovative way:

44 respondents strongly agree

23 respondents agreed

3 respondents remained neutral

3 respondents disagree

7 respondents strongly disagree

4 respondent answered NA

25 respondents did not answer this question

• The students profit from the new innovative teaching

48 respondents strongly agree

19 respondents agreed

4 respondents remained neutral

12 respondents strongly disagree

2 respondents disagree

5 respondent answered NA

15 respondents did not answer this question

6. We would also like to get your feedback on the outreach of the open educational resources. 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 structure of the questions was as follows:

• The open educational resources will have an impact

43 respondents strongly agree

27 respondents agreed

2 respondents remained neutral

3 respondents answered NA

6 respondents strongly disagree

2 respondent disagree

22 respondents did not answer this question

• **The material is useful for the teaching/studying at my Institution:**

44 respondents strongly agree

25 respondents agreed

3 respondents remained neutral

9 respondents strongly disagree

3 respondent disagree

2 respondents answered NA

19 respondents did not answer this question

• **The things I can learn with the open educational resources will help me to attract better students to the institution:**

43 respondents strongly agree

24 respondents agreed

2 respondent remained neutral

2 respondent disagree

9 Respondent strongly disagree

4 respondents answered NA

21 respondent did not answer this question

• **The open educational resources will help to create more innovative teaching inside the institution**

44 respondents strongly agree

23 respondents agreed

3 respondents remained neutral

8 respondents strongly disagree

2 respondents disagree

2 respondents answered NA

23 respondents did not answer this question

- **The learned information helps teachers to hold more interesting classes:**

48 respondents strongly agree

19 respondents agreed

3 respondents remained neutral

3 respondent answered NA

8 respondent strongly disagree

2 respondent disagree

22 respondents did not answer this question

- **The open educational resources help teachers to please the needs of their students better:**

47 respondents strongly agree

21 respondents agreed

3 respondents remained neutral

6 respondents strongly disagree

2 respondent disagree

3 respondent answered NA

23 respondents did not answer this question

- **The open educational resources deliver exacly the result that I expected when we started the project:**

42 respondents strongly agree

24 respondents agreed

4 respondents remained neutral

4 respondents answered NA

5 respondents strongly disagree

3 respondent disagree

23 respondents did not answer this question

• **The open educational resources make my life as a teacher**

48 respondents strongly agree

21 respondents agreed

2 respondents remained neutral

4 respondents answered NA

5 respondents strongly disagree

2 respondent disagree

23 respondents did not answer this question

• **The open educational resources makes teaching/studying more fun:**

46 respondents strongly agree

19 respondents agreed

3 respondents remained neutral

5 respondents strongly disagree

2 respondent disagree

3 respondent answered NA

26 respondents did not answer this question

• **The open educational resources make students learn better:**

45 respondents strongly agree

21 respondents agreed

3 respondents remained neutral

5 respondents answered NA

5 respondents strongly disagree

3 respondents disagree

23 respondents did not answer this question

- **The students seem to have more fun during their studies when using the new open educational resources:**

46 respondents strongly agree

21 respondents agreed

4 respondents remained neutral

2 respondents answered NA

11 respondents strongly disagree

4 respondents disagree

17 respondents did not answer this question

7. If the open educational resources was not what you expected,, what would you have expected? 49 answers

49 out of 105 respondents wrote their opinion..

- No comments
- Everything is great
- Turned out just like I expected
- Changes and improvements
- probably providing tablets with educational materials
- Nothing
- oh, I don't even know what else to expect, for me, as a technologist, everything connected with a computer is all new!
- Everything is as it should be in my opinion
- Continuous Library Expansion
- material expansion
- Lots of in-depth information on modern cars
- Infobase updates
- it would be better if the university had a lot of libraries

- Expanded educational opportunities
- a lot of information for me, I don't know what else to expect
- More interactive mode
- What we expected
- expected a better education
- Improving them to the roots
- Not
- would expect other resources
- Deterioration
- Simply beneficial course
- courses are good. More videos
- More in-depth information about the subject
- I think everything is fine because it's only getting better
- Actually it's really difficult to answer... But, I'll try to do my best. I think that open educational resources must be clearly and interesting first of all!
- Training
- Totally agree with your resources.
- Looking for additional sources
- I would give you suggestions.
- +
- good education
- Just normal resources that you can get easily
- I would reconcile myself
- Openness
- further improvement
- Nothing
- Don't know.
- Would have expected more

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

Answers were given by 33 respondents out of 105 respondents. All respondents indicated that they

agree with the points above:

- Agree
- I agree
- agree with all points
- all points satisfy
- +
- i totally agree
- I agree
- disagree
- I agree
- Everything is fine
- no
- I agree
- I quite agree
- I agree
- Because this resource suits me, improves my work
- I agree everything is fine
- Agree
- I agree

9. Was the material for the open educational resources given on time?

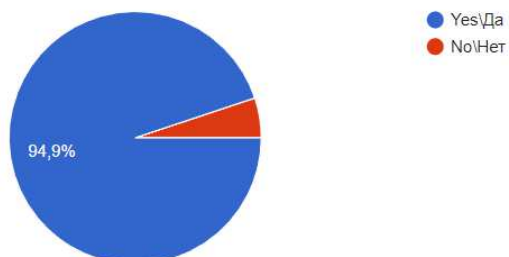*Out of 105 answers, 95,1% answered "YES"*

102 ответа
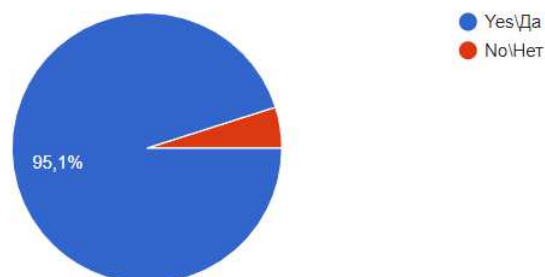
10. Did you get the chance for comments and criticism?

Of the 105 responses, 94,9% answered "YES".

98 ответов

- Yes\Да
- No\Нет

94,9%

11. If the answer to question 10 was no, what comments or criticism would you have on the open educational resources?

33 answers. All comments are positive and there are no criticisms

- arranges
- Not yet
- nothing
- the answer is yes
- no
- No comments
- it helps a lot in your studies, especially if for some reason you missed a lesson, you can always catch up with the learning material
- no negative
- more information

12. Any other comments. 38 answers

38 out of 105 respondents left their comments.

- Great
- Thank you!
- Good luck

- Thank you for providing educational materials in the public domain
- Thank you for the master classes and for the course materials in the public domain.
- Thank you very much for open access to materials
- Wish you luck
- We have problems with the chairs, we would like to replace them with new ones
- Educational resources give additional preferences
- All just great! Thank you very much for the opportunity
- More opportunities for open educational resources.
- Thanks
- Thanks
- Good luck everyone
- no comment
- All is fine
- Thank you, everything is well organized
- No comment
- More courses
- I wish happy you
- SRS for everything.
- Thank you
- Good luck to you 👆
- I have no idea
- I was very pleased to work with such coordinators as you
- Everything was great
- Good test made me think
- Everything is fine

CONCLUSION

This report is an assessment of open educational resources in Kyrgyzstan. As a result, lecturers/teachers learned how to organize innovative digital skills-based courses, how to benefit from the Moodle learning management system, and how to produce effective video lectures based on the centers.

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

WE CAN CONCLUDE FROM ANSWERS THAT:

- The structure of Open Educational Resources (OER) is very well structured;

- The quality of open educational resources meets high requirements;

- The goals of open educational resources have been clearly stated;

- Achieved learning objectives were at a high level;

- OER material helps develop learning in an innovative way

- OER make life easier for both teacher and student

- OER help students learn better

- Students enjoy learning more with new open educational resources

- There are good opportunities for comments, criticism and timing;

- The training was useful for all users.