REPORT
ON THE QUESTIONNAIRE
FOR THE EVALUATION
OF THE CLOUD-BASED
VIRTUAL LIBRARY
OF THE DIGITAL EDUCATIONAL
RESOURCES
in Turkmenistan

**PROJECT:
Modernisation of Higher Education in Central Asia
through New Technologies
(HiEdTec)
Project No: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP
Project Coordinator: ANGEL KANCHEV UNIVERSITY OF
RUSE**

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Executive summary

The report on the Questionnaire for the evaluation of the Cloud-based Virtual Library of the digital educational resources was prepared in accordance with the implementation plans of the HiEdTec project.

This will be an evaluation of the Cloud-based Virtual Library of the digital educational resources. The quality and benefits of the Cloud-based Virtual Library of the digital educational resources were evaluated taking into account the specific conditions in Turkmenistan.

The assessment of the Cloud-based Virtual Library of the digital educational resources reflects the opinions of the participants only. The purpose of this assessment is to determine whether the Cloud-based Virtual Library of the digital educational resources was properly organized in accordance with the requirements. This evaluation report will be attached to the progress report.

Introduction

The goal of the evaluation of the Questionnaire is to serve as the source for the evaluation report of the Cloud-based Virtual Library of the digital educational resources. The purpose of the evaluation was to collect feedback on the Cloud-based Virtual Library of the digital educational resources. The Cloud-based Virtual Library of the digital educational resources was developed in accordance with the project "Modernization of the system of higher education in Central Asia through new technologies" (HiEdTec). The Cloud-based Virtual Library of the digital educational resources aims to create the availability of educational courses in open access to all teachers, as well as students, thereby providing the opportunity for EVERYONE to study at ANY time and in ANY place with the help of ANY teacher, using ANY device.

Project overview

The Cloud-based Virtual Library of the digital educational resources is designed to provide access to educational courses in the open space to all teachers, as well as students, thereby providing the opportunity for EVERYONE to study at ANY time and in ANY place with the help of ANY teacher, using ANY end device.

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).

The Project acknowledges the use of technology in transforming learning, developing collaboration solutions, enhancing the role of educators in innovative technology-supported learning environments allowing them to be engaged in professional learning experiences that will prepare to apply research-based approaches to didactic teaching.

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

Co-funded by the
Erasmus+ Programme
of the European Union

HiEdTec Questionnaire results

General information

We received in total 160 answers to our questionnaire:

5.8_ Questionnaire for the evaluation of the Cloud-based Virtual Library of the digital educational resources: Turkmenistan

1. Which country are you from? 160 responses

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

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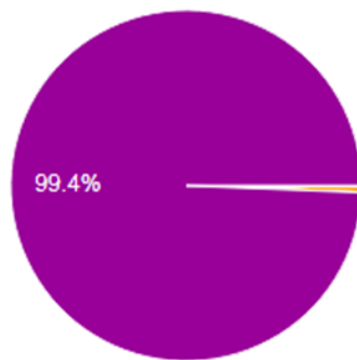
- Luxembourg\Люксембург
- Italy\Италия
- Portugal\Португалия
- Bulgaria\Болгария
- Turkmenistan\Туркменистан
- Uzbekistan\Узбекистан
- Kyrgyzstan\Кыргызстан
- Tajikistan\Таджикистан
- Kazakhstan\Казахстан

99.4%

2. Who are you? 159 responses
10.1% are the lecturers
89.9% are the teachers

2. Who are you?/Кто ты?

159 responses
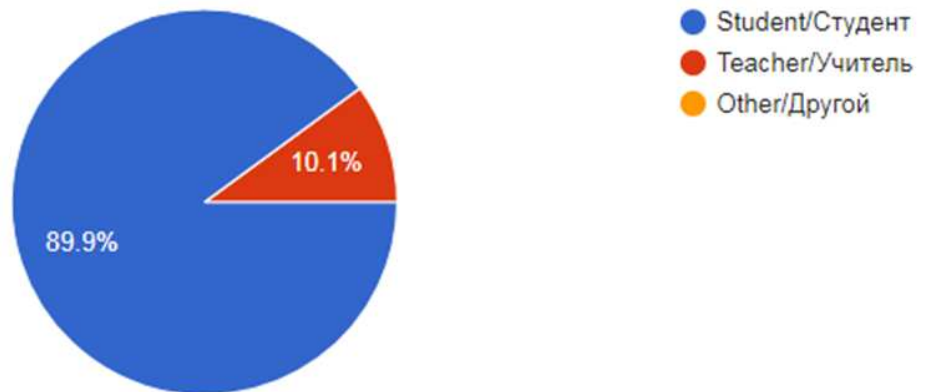
- Student/Студент
- Teacher/Учитель
- Other/Другой

3. Overall, please tell us how well structured the Cloud-based Virtual Library of the digital educational resources is - 1 means not at all well structured and 5 means extremely well structured.
160 responses
From 160 answers 49.4% of the responders find the structure of training courses extremely well-structured, 46,3 % as well structured, and 4,4 % - good.

3. Overall, please tell us how well structured the Cloud-based Virtual Library of the digital educational resources is - 1 means not at all well structured and 5 means extremely well structured.

3. Пожалуйста, скажите, насколько хорошо структурирована облачная виртуальная библиотека цифровых образовательных ресурсов - 1 означает, что она не совсем хорошо структурирована, а 5 означает, что она очень хорошо структурирована.

160 responses
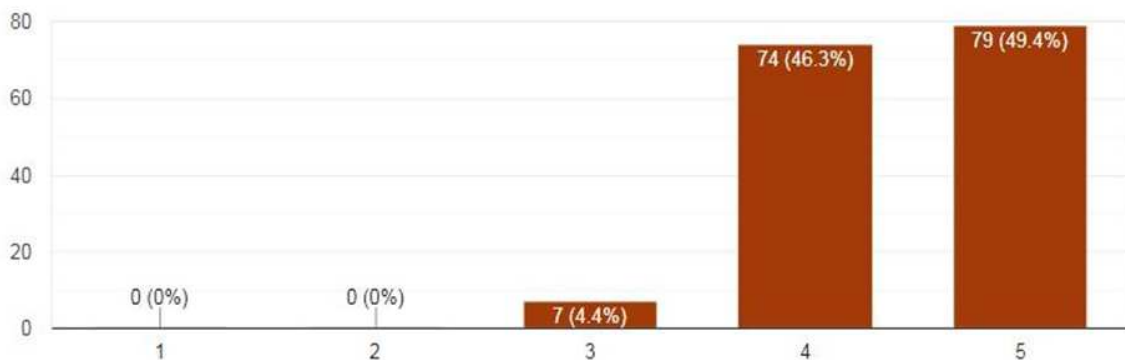
4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.160 responses
There were 160 answers for this question, from which 53,1% find the quality of the training course extremely good, 38,8% as very good, and 7,5 % - good.

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. \Пожалуйста, расскажите нам, как вы оцениваете качество по шкале от 1 до 5, где 1 означает очень плохо, а 5 - очень хорошо.

160 responses
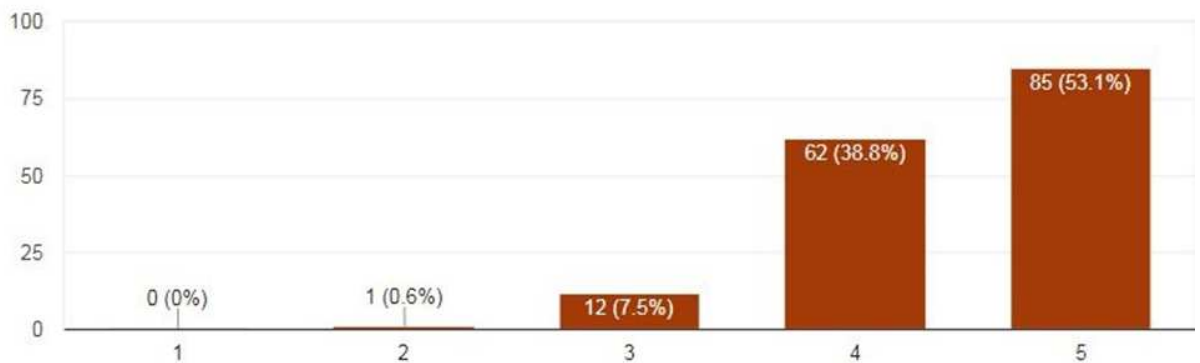
5. Please tell us how you rate the search function of the library using a 1 to 5 scale where 1 means very bad and 5 means extremely good.
159 responses

There were 159 answers for this question, from which 37,1% find the the search function of the library extremely good, 40,3% as very good, and 22,6 % - good.

5. Please tell us how you rate the search function of the library using a 1 to 5 scale where 1 means very bad and 5 means extremely good.

5. Пожалуйста, скажите, как вы оцениваете функцию поиска в библиотеке по шкале от 1 до 5, где 1 означает очень плохо, а 5 - очень хорошо.

159 responses
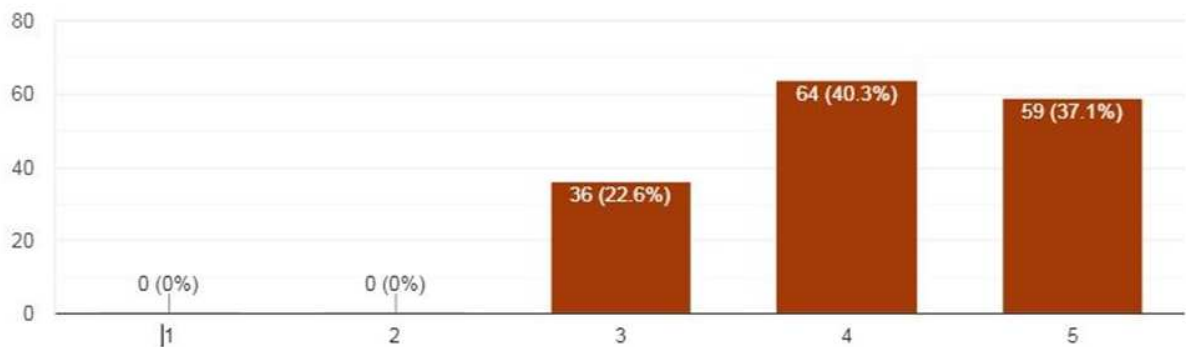
6. **Does the library have the following promised features?160 responses**
   There were 160 answers for this question, from which 75% find the the search by title, 15,6% by author, and 9,4 % - by subject.

6. Does the library have the following promised features?
6. Имеет ли библиотека следующие обещанные функции?

160 responses

- Searching by title\ Поиск по названию
- Searching by author\Поиск по автору
- Searching by subject area\Поиск по направлению
- Other\Другое
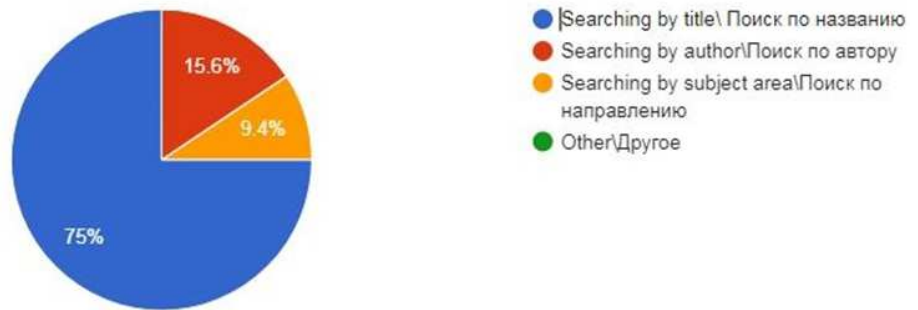
7. **How would you rate the search functions mentioned in question 6?
   160 responses**

   There were 160 answers for this question, from which 35,6% responded as excellent, 16,9% - good, and 0,6 % - as fair.

7. Как бы вы оценили функции поиска, упомянутые в вопросе 6?

160 responses

- Excellent\Отлично
- Very good\Очень хорошо
- Good\Хорошо
- Fair\Средне
- Poor\Слабо
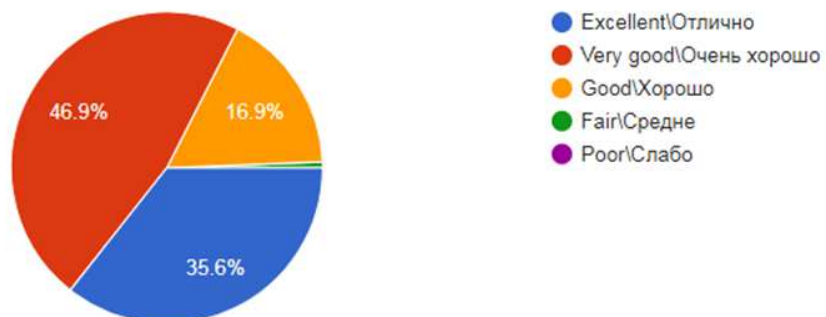
8. Now we have a few questions about the objectives of the Cloud-based Virtual Library of the digital educational resources. Please tell us your level of agreement with the following statements about the Cloud-based Virtual Library of the digital educational resources, using a 1 to 5 scale, where 1 means 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 as follows:

- *The objectives were clearly communicated:*
  ✓ 35 respondents strongly agreed
  ✓ 101 respondents agreed
  ✓ 23 respondents stayed neutral
  ✓ 1 respondent answered not available

- *The objectives were met:*
  ✓ 33 respondents strongly agreed
  ✓ 108 respondents agreed
  ✓ 17 respondents stayed neutral

- *Follow-up actions resulted from the Cloud-based Virtual Library of the digital educational resources:*
  ✓ 40 respondents strongly agreed
  ✓ 102 respondents agreed
  ✓ 18 respondents stayed neutral

- *It is clear for what the Cloud-based Virtual Library of the digital educational resources is needed for:*
  ✓ 67 respondents strongly agreed
  ✓ 73 respondents agreed
  ✓ 20 respondents stayed neutral

- *The right people were addessed with the use for the Cloud-based Virtual Library of the digital educational resources:*
  ✓ 64 respondents strongly agreed
  ✓ 72 respondents agreed
  ✓ 24 respondents stayed neutral

- *The technical equipment has been explained sufficiently:*
  - ✓ 72 respondents strongly agreed
  - ✓ 75 respondents agreed
  - ✓ 11 respondents stayed neutral

- *The technical equipment is exactly the one neccessary and working for this purpose:*
  - ✓ 62 respondents strongly agreed
  - ✓ 89 respondents agreed
  - ✓ 9 respondents stayed neutral

- *I can correctly use and explain what I have to do to use the Cloud-based Virtual Library of the digital educational resources:*
  - ✓ 51 respondents strongly agreed
  - ✓ 97 respondents agreed
  - ✓ 12 respondents stayed neutral

- *The Virtual Library is exactly what is needed in the Institution to advance the learning processes:*
  - ✓ 52 respondents strongly agreed
  - ✓ 91 respondents agreed
  - ✓ 16 respondents stayed neutral

- *The Library provided helps to develop the teaching in an innovative way:*
  - ✓ 56 respondents strongly agreed
  - ✓ 96 respondents agreed
  - ✓ 10 respondents stayed neutral

- *The students profit from the new innovative virtual library:*
  - ✓ 66 respondents strongly agreed
  - ✓ 84 respondents agreed
  - ✓ 10 respondents stayed neutral

9. We would also like to get your feedback on the outreach of the Cloud-based Virtual Library of the digital 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 were as follows:

- *The Cloud-based Virtual Library of the digital educational resources will have an impact:*
  - ✓ 51 respondents strongly agreed
  - ✓ 102 respondents agreed
  - ✓ 7 respondents stayed neutral

- *The Cloud-based Virtual Library of the digital educational resources is usful for the teaching/studying at my Institutio:*
  - ✓ 41 respondents strongly agreed
  - ✓ 106 respondents agreed
  - ✓ 13 респондентов остались нейтральными

- *The things I can learn on the Cloud-based Virtual Library of the digital educational resources will help me to attract better students to the institution:*
  - ✓ 62 respondents strongly agreed
  - ✓ 83 respondents agreed
  - ✓ 15 respondents stayed neutral

- *The Virtual Library will help to create more innovative teaching inside the institution:*
  - ✓ 72 respondents strongly agreed
  - ✓ 69 respondents agreed
  - ✓ 19 respondents stayed neutral

- *The Library and the information stored within helps teachers to hold more interesting classes:*
  - ✓ 73 respondents strongly agreed
  - ✓ 77 respondents agreed
  - ✓ 10 respondents stayed neutral

- *The virtual library helps teachers/the institution to please the needs of their students better:*
  - ✓ 69 respondents strongly agreed
  - ✓ 78 respondents agreed
  - ✓ 11 respondents stayed neutral

- *The virtual library delivers exactly the result that I expected when we started the project:*
  - ✓ 66 respondents strongly agreed
  - ✓ 83 respondents agreed
  - ✓ 11 respondents stayed neutral

- *The use of the virtual library makes my life as a teacher/student easier:*
  - ✓ 52 respondents strongly agreed
  - ✓ 88 respondents agreed
  - ✓ 20 respondents stayed

- *The use of the virtual library makes teaching more fun:*
  - ✓ 59 respondents strongly agreed
  - ✓ 86 respondents agreed
  - ✓ 13 respondents stayed

- *The usage of the virtual library makes students learn better:*
  - ✓ 60 respondents strongly agreed
  - ✓ 92 respondents agreed
  - ✓ 8 respondents stayed

- *The students seem to have more fun during their studies when using the new virtual library:*
  - ✓ 56 respondents strongly agreed
  - ✓ 92 respondents agreed
  - ✓ 10 respondents stayed neutral

- *The use of the virtual library makes teaching/studying more effective:*
  - ✓ 97 respondents strongly agreed
  - ✓ 55 respondents agreed
  - ✓ 8 respondents stayed neutral

10. **If the cloud-based Virtual Library of the digital educational resources was not what you expected, what would you have expected?**
    Out of the 160 respondents, 26 wrote their opinion.
- ✓ great
- ✓ good
- ✓ good job
- ✓ good
- ✓ everything was good
- ✓ everything was great
- ✓ great
- ✓ fine
- ✓ great job
- ✓ it was very good
- ✓ clear
- ✓ everything was beneficial
- ✓ everthing will be a little bit difficult
- ✓ a little bit diffucult to find what we need
- ✓ everything was excellent

11. **If you disagree with any of the point above in No.8 or 9, please comment here mentioning the reasons**

44 responses

- ✓ no disagreements
- ✓ clear
- ✓ good
- ✓ great
- ✓ No disagreements
- ✓ I agree
- ✓ I agree with all
- ✓ no disagreements at all
- ✓ there is no disagreements
- ✓ I agree with all
- ✓ nothin, everything was great
- ✓ everything was good
- ✓ everthing is clear
- ✓ I egree with all the statements
- ✓ good job
- ✓ good
- ✓ no negative comments
- ✓ everthing is clear.
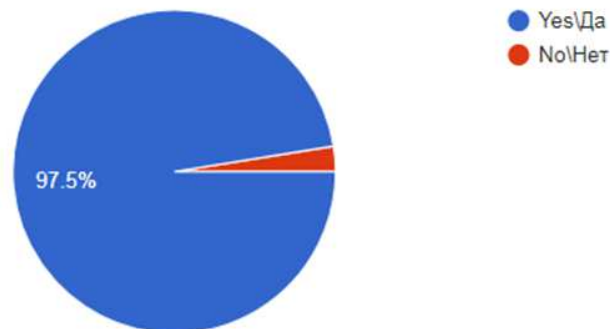- ✓ I agree with the statements
- ✓ I agree at all

12.   Was the installation of the cloud-based Virtual Library of the digital educational resources done on time? 159 responses

From 159 responses 97,5% answered "YES"

12. Was the installation of the cloud-based Virtual Library of the digital educational resources done on time?/12. Была ли установка облачной виртуальной библиотеки цифровых образовательных ресурсов выполнена в срок?
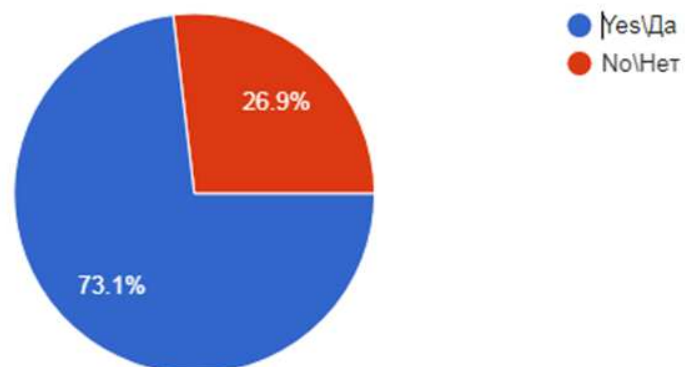
159 responses

- Yes\Да
- No\Нет

97.5%

13.   Did you get the cnance for comments and criticism?

From 160 responses, 73.1% answered "YES"

13. Did you get the chance for comments and criticism? / Вы получили возможность для комментариев и критики?

160 responses

- Yes\Да
- No\Нет

26.9%

73.1%

14.	If the answer to question 13 was no, what comments or criticism would you have on the open educational resources?
27 responses
- ✓ no criticism
- ✓ everything was clear
- ✓ nothing, everything was good
- ✓ no bad
- ✓ very good

15.	Any other comments

Seventy nine out of 160 respondents recorded the answers.

- ✓ great
- ✓ very good
- ✓ good job
- ✓ excellent
- ✓ fine
- ✓ It was great
- ✓ everything was excellent
- ✓ it was informational
- ✓ it was excellent
- ✓ It was excellent at all
- ✓ it was very good
- ✓ it was great
- ✓ great job
- ✓ georgous
- ✓ everything was good
- ✓ great impression
- ✓ perfect
- ✓ no comments
- ✓ no criticism
- ✓ excellent
- ✓ very good job

- ✓ excellent job
- ✓ veru good
- ✓ it was very good for all the students
- ✓ it was very good experience in teaching methods
- ✓ everythinh is clear, thank you
- ✓ it was very useful for opening up the new ideas
- ✓ It was good at improving skills of teacher and also students
- ✓ it was very influencial and beneficial to teachers
- ✓ it was good at developing and improving teaching methods
- ✓ everthing is clear thank you!
- ✓ very good impression and influences
- ✓ it was excellent job
- ✓ These types of tools promeote implementation of digital transformation in education.
- ✓ It was useful at all
- ✓ It was beneficial
- ✓ It was very interesting and informative
- ✓ Great and excellent
- ✓ It was excellent and useful
- ✓ Excellent and very interesting
- ✓ Useful informations

CONCLUSION

This report is an evaluation of the Questionnaire is to serve as the source for the evaluation report of the Cloud-based Virtual Library of the digital educational resources. As a result, valuable information was acquired about the current state of the Cloud-based Virtual Library of the digital educational resources. Appropriate conclusions were made in order to improve the quality of digital educational resources.

This questionnaire was chosen as a methodology for assessing of the quality of the Cloud-based Virtual Library of the digital educational resources.

From the answers it can be concluded that:

- ✓ The structure of the Cloud-based Virtual Library of the digital educational resources was well organized;
- ✓ The quality of the Cloud-based Virtual Library of the digital educational resources is very high;
- ✓ The level of goals achieved in the development of the Cloud-based Virtual Library of the digital educational resources was very high;
- ✓ of the Cloud-based Virtual Library of the digital educational resources is very useful for all users.