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



EVALUATION OF THE DEVELOPED HANDBOOK OF INNOVATIVE EDUCATIONAL TECHNOLOGIES IN UZBEKISTAN

**Project: Modernization 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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Deliverable number: 5.5
Title: Evaluation of the developed Handbook of Innovative Educational Technologies in Uzbekistan
Type of deliverable: Report
Dissemination level: International Level
Status/Version: Final
Date: April, 2021

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Document Revision History

Version	Date	Description of change	List of contributor(s)
0.1	24.03.2021	Creation of online questionnaire	Stefanie Oestlund
0.2	16.04.2021	Analyse, Conclusions	Islombek Askarov
0.3	17.04.2021	Review, corrections and revisions	Zafar Juraev

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

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EXECUTIVE SUMMARY

Report on the Questionnaire for the evaluation of the developed Handbook of Innovative Educational Technologies is prepared in accordance with the handbooks, which were developed in Partner HEIs from Uzbekistan.

Evaluation of the developed handbooks of innovative educational technologies will be performed. The quality and benefits of developed handbooks of innovative educational technologies was evaluated considering the specific conditions in Uzbekistan.

An Evaluation of the developed handbooks of innovative educational technologies will reflect the opinions of the participants. The aim of this evaluation is to determine whether the developed handbooks of innovative educational technologies were duly conducted in accordance with the requirements. This evaluation report will be annexed to the progress reports.

The handbooks of innovative educational technologies were developed with the project of Modernization of Higher Education System in Central Asia through new technologies (HiEdTec), WP5.8.

INTRODUCTION

The purpose of evaluation was to collect feedback about the developed handbooks of innovative educational technologies. The handbooks of innovative educational technologies were developed by the trainers of partner universities in Uzbekistan. The developed handbooks of innovative educational technologies 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.

The developed handbooks of innovative educational technologies were distributed among Uzbek partners, and in the process of their conduct, lecturers acquired skills to improve their teaching methods, and they recognize that this handbook was really fruitful and useful to them. The developed handbooks of innovative educational technologies were distributed to 100 lecturers/teachers from each Partner institutions from Uzbekistan (total at least 150) in both English and Russian languages.



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HiEdTec QUESTIONNAIRE RESULTS

GENERAL INFORMATION

We received 140 answers to our questionnaire.

1. Which country are you from?

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

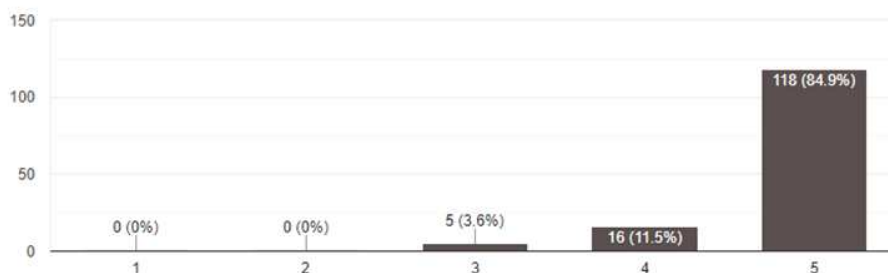
140 responses



2. Overall, please tell us how well structured the handbook is. 1 means not at all well structured and 5 means extremely well structured.

2. Overall, please tell us how well structured the handbook is. 1 means not at all well structured and 5 means extremely well structured. 2. В целом, расскажите, пожалуйста, насколько хорошо справочник структурирован. 1 означает, не совсем хорошо структурирован и 5 означает очень хорошо структурирован.

139 responses



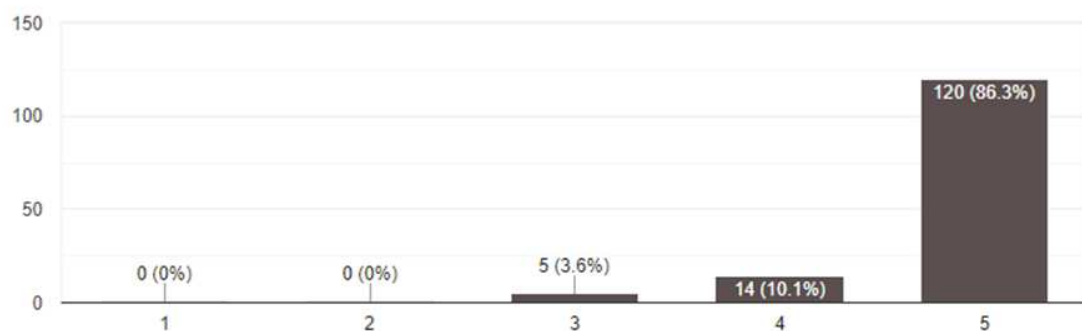
From 140 answers, 84.9% of the responders find the structure of the training, extremely well-structured, 11.5% as well structured and 3.6% normal



3. *The quality of the handbook*

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

139 responses



There were 139 answers to this question, from which 86.3 % find the quality of the training extremely good, 10.1% as very good and 3.6% normal.

4. *Content questions*

The structure of the questions were following:

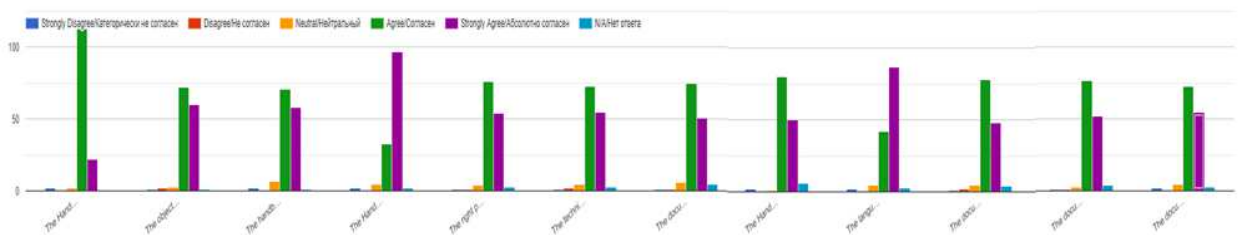
- **The handbook objectives were clearly communicated**
 - 22 responders strongly agreed
 - 113 responders agreed
 - 2 responders stayed neutral
 - 1 responder disagreed
 - 2 responders strongly disagreed
- **The objectives were met**
 - 60 responders strongly agreed
 - 72 responders agreed
 - 3 responders stayed neutral
 - 2 responders disagreed
 - 1 responder strongly disagreed
- **The handbook serves well as source for Innovative Educational Technologies**
 - 58 responders strongly agreed
 - 71 responders agreed
 - 7 stayed neutral



-
- 2 responders strongly disagreed
 - **The handbook was well understandable**
 - 97 responders strongly agreed
 - 33 responders agreed
 - 5 responders stayed neutral
 - 2 responders strongly disagreed
 - 2 responders N&A
 - **The right people were addressed by the Handbook**
 - 54 responders strongly agreed
 - 76 responders agreed
 - 4 responders stayed neutral
 - 1 responder disagreed
 - 3 responders N&A
 - **Technical equipment has been easy to access**
 - 55 responders from 139 strongly agreed
 - 73 responders agreed
 - 5 responders stayed neutral
 - 2 responders disagreed
 - 1 responder strongly disagreed
 - 2 responders N/A
 - **The document is practical and dynamic**
 - 51 responders from 139 strongly agreed
 - 75 responders agreed
 - 6 responders stayed neutral
 - 1 responder disagreed
 - 1 responder strongly disagreed
 - 5 responder N/A
 - **Handbook ads sense of accomplishment and feeling of progress**
 - 50 responders strongly agreed
 - 80 responders agreed
 - 16 responders stayed neutral
 - 2 responders disagreed
 - 6 responders N/A
 - **Language used was appropriate**
 - 87 responders strongly agreed
 - 42 responders agreed
 - 5 responders stayed neutral



- 2 responders disagreed
- 1 responders strongly disagreed
- 2 responders N/A
- **The document was an apocopate length**
 - 48 responders strongly agreed
 - 78 responders agreed
 - 2 responders disagreed
 - 2 responders strongly disagreed
 - 5 responders N/A
- **The documents were well structured**
 - 52 responders strongly agreed
 - 77 responders agreed
 - 3 responders stayed neutral
 - 1 responders disagreed
 - 1 responders strongly disagreed
 - 4 responders N/A
- **The documents were well understandable**
 - 55 responders strongly agreed
 - 73 responders agreed
 - 5 responders stayed neutral
 - 1 responders disagreed
 - 2 responders strongly disagreed
 - 3 responders N/A



5. Feedback on the outcomes of the handbook

We would also like your feedback on the outcome of the handbook. 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 structures of the questions were the following:

- **The documents will have an impact**

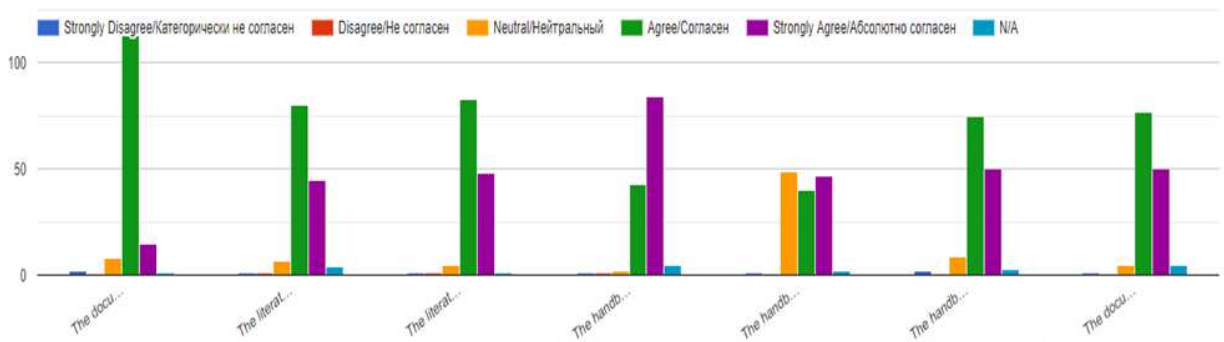


-
- 15 responders strongly agreed
 - 113 responders agreed
 - 8 responders stayed neutral
 - 1 responders disagreed
 - 2 responders strongly disagreed
 - 1 responder N/A
 - **The literature recommended in the handbook is understandable**
 - 45 responders strongly agreed
 - 80 responders agreed
 - 7 responders stayed neutral
 - 1 responders disagreed
 - 1 responders strongly disagreed
 - 4 responder N/A
 - **The literature recommended in the handbook is useful**
 - 48 strongly agreed
 - 83 responders agreed
 - 5 responders stayed neutral
 - 1 responders disagreed
 - 1 responders strongly disagreed
 - 1 responder N/A
 - **The handbook helps me understand new educational technologies**
 - 84 responders strongly agreed
 - 43 responders agreed
 - 5 responder stayed neutral
 - 1 responders disagreed
 - 1 responders strongly disagreed
 - 1 responder N/A

 - **The handbook is what I expected**
 - 47 responders strongly agreed
 - 40 responders agreed
 - 49 responders stayed neutral
 - 1 responders strongly disagreed
 - 2 responder N/A
 - **The handbook has been distributed on time to help for the teaching with new technologies**



- 50 responders strongly agreed
- 75 responders agreed
- 9 responder stayed neutral
- 2 responders strongly disagreed
- 3 responder N/A
- **The documents were useful for the teaching at my Institution**
 - 50 strongly agreed
 - 77 responders agreed
 - 5 responders stayed neutral
 - 1 responders strongly disagreed
 - 5 responder N/A



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

- Handbook is in normal length
- Multimedia
- More theory

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

69 different responses, including followings:

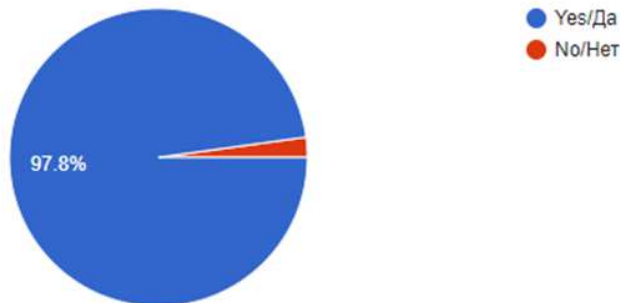
- agreed
- none
- I agree with the handbook
- In my opinion, the size has become larger

8. Workflow timing



8. Were the handbooks sent on time?/8. Были ли руководства отправлены вовремя?

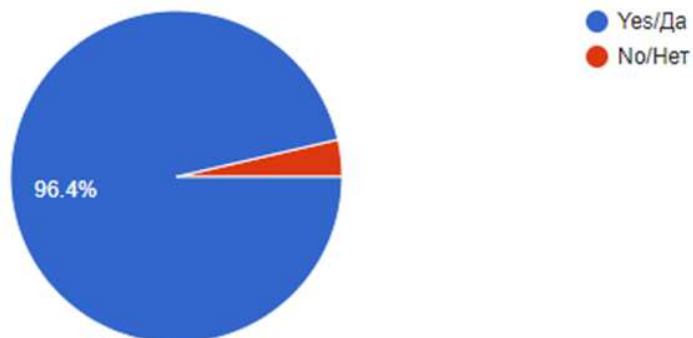
138 responses



9. Workflow commentary

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

139 responses



10. Was the final documents produced and sent in an appropriate time?



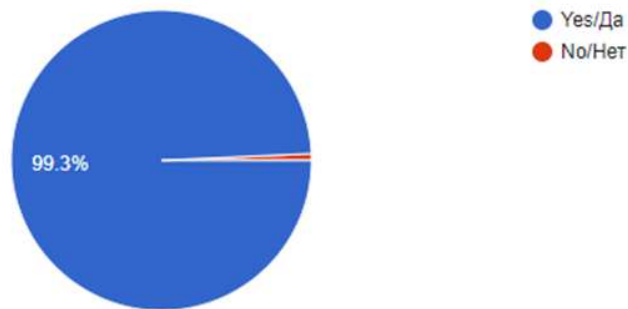
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10. Was the final documents produced and sent in an appropriate time?/10. Были ли окончательные документы подготовлены и отправлены в надлежащее время?

139 responses



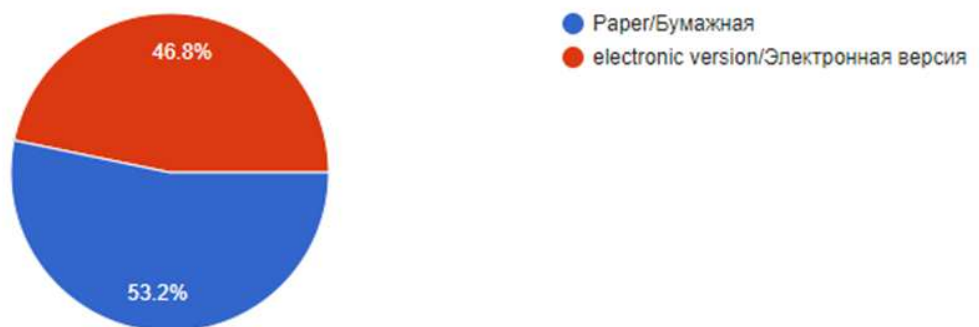
11. If the answer to question 9 was no, what comments would you have on the document?

56 different responses, including followings:

- no comments
- everything was completed on time
- there are no comments
- excellent
- my answer is yes

12. Which version of the handbook did you prefer?

139 responses





13. Why did you prefer one or the other version (question 12)?

- You can read e-version anywhere
- Paper version is easy to read
- It is comfortable
- In the fast life, using time with high productivity is important for anyone. That is why it is better to use electronic version of handbook.
- It is easy to find e-version in any time and any place
- During the shortage of time it is productive to use e-version of reading materials
- I prefer paper books rather than electronic books

14. Any other comments or suggestions:

57 different responses, including followings:

- None
- everything in this book is clearly and intelligibly reflected
- it helps me to approach my lesson with creativity more theory
- I drew the conclusions I needed from the book
- I really liked the book
- Thanks, I have learned my knowledge about new educational technology
- Very well structured handbook, good job!
- I like the book .



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CONCLUSION

This report is the Evaluation of the developed handbook of innovative educational technologies created for HiedTec project. We chose a questionnaire as methodology to estimate the quality of work and evaluate the results for future deliverables.

We can conclude from answers that:

- The structure of the developed handbook is high;
- The quality of the developed handbook is high;
- The quality of the layout and content is high;
- The level of agreement about outcome of the developed handbook is good;
- The workflow and timing of the developed handbook is on high level;
- Content of developed handbook is appropriate;
- The developed handbook is useful for lecturers.