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



EVALUATION OF THE COURSES FOR LECTURERS FOR THE ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE TEACHING AND LEARNING METHODS IN UZBEKISTAN

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

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EXECUTIVE SUMMARY

Report on the Questionnaire for the evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods is prepared in accordance with the training courses, which were conducted in Partner HEIs from Uzbekistan.

Evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods will be performed. 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 Uzbekistan.

An Evaluation of the institutional 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 courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were duly conducted in accordance with the requirements. This evaluation report will be annexed to the progress reports.

The courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were organized in accordance 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 institutional courses for the acquisition of digital skills and innovative teaching and learning methods. The training courses were organized by the trainers to the lecturers of partner universities in Uzbekistan. Institutional courses or trainings of lecturers 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.

Courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were attended by Uzbek partners, and in the process of their conduct, lecturers acquired skills to improve their teaching methods, and they recognize that these trainings were really fruitful and useful to them. Courses for lecturers for the acquisition of digital skills and learning methods were attended at least by 50 lecturers/teachers from each Partner institutions from Uzbekistan (total at least 150). Furthermore, the courses assisted in raising awareness of the need to adapt the education system to the digital generation in the institutions.



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PROJECT OVERVIEW

Trainers trained in digital skills and innovative teaching and learning methods organized courses for lecturers in each Partner HEIs in Uzbekistan. The courses were practice-oriented 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 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 adeptly apply research-based approaches to didactic teaching.



HIEDTEC QUESTIONNAIRE RESULTS

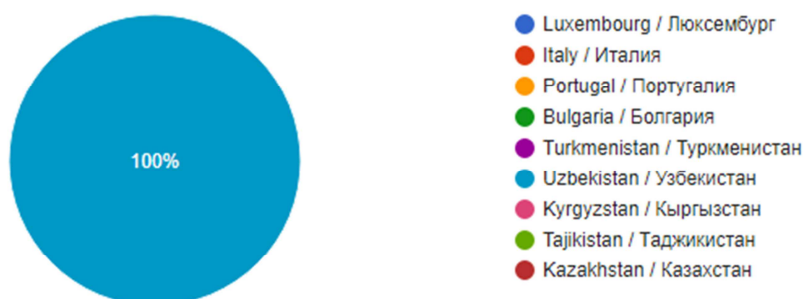
1 General Information

We received 151 answers to our questionnaire:

Uzbekistan -151 responses

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

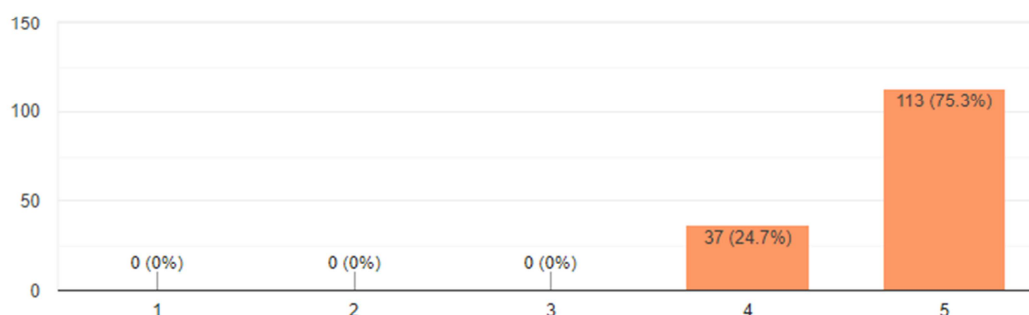
151 responses



2 Structure of the training

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. В целом, пожалуйста, сообщите нам, насколько хорошо структурированы учебные курсы - 1 означает не совсем хорошо структурированные и 5 означает очень хорошо структурированные.

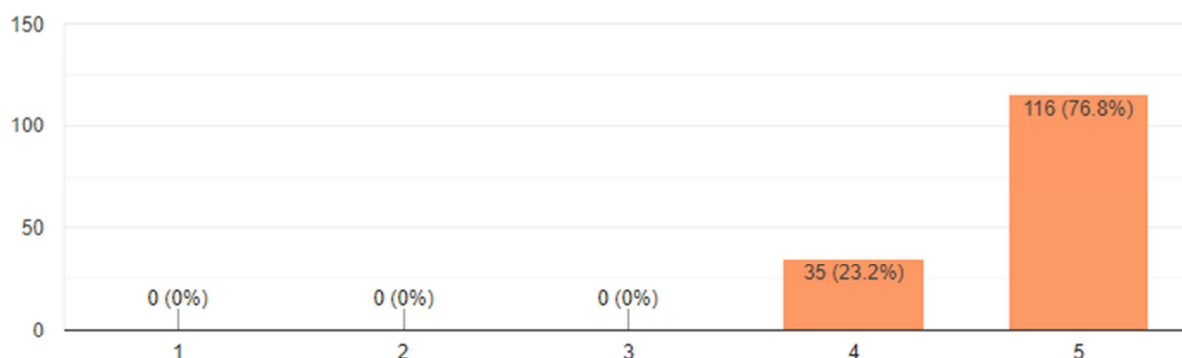
150 responses



From 150 answers, 75.3% of the responders find the structure of the training, extremely well-structured and 24.7% as well structured.



3 The quality of the training



There were 151 answers to this question, from which 76.8 % find the quality of the training extremely good, and 23.2% as very good.

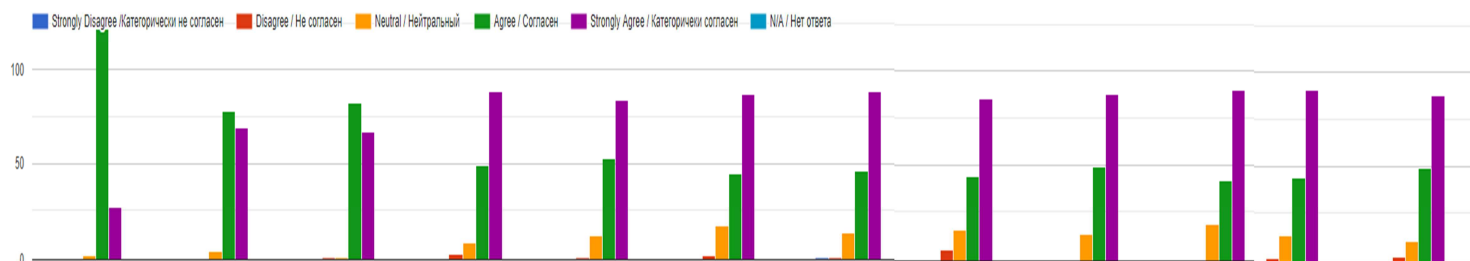
4 Content questions

The structure of the questions were following:

- **The training objectives were clearly communicated**
 - 27 responders from 151 strongly agreed
 - 122 responders agreed
 - 2 responders stayed neutral
- **The objectives were met**
 - 69 responders from 151 strongly agreed
 - 78 responders agreed
 - 4 responders stayed neutral
- **Follow-up actions resulted from the Concept**
 - 67 responders from 151 strongly agreed
 - 82 responders agreed
 - 1 stayed neutral
 - 1 disagreed
- **The training were well understandable**
 - 89 responders from 151 strongly agreed
 - 49 responders agreed
 - 9 responders stayed neutral
 - 3 responders disagreed
- **The right people were addressed by the training**
 - 84 responders from 151 strongly agreed



- 53 responders agreed
- 12 responders stayed neutral
- 1 responder disagreed
- **Technical equipment has been explained sufficiently**
 - 87 responders from 151 strongly agreed
 - 45 responders agreed
 - 17 responders stayed neutral
 - 2 responder disagreed
- **The technical equipment is exactly the one explained in the trainings**
 - 89 responders from 151 strongly agreed
 - 46 responders agreed
 - 14 responders stayed neutral
 - 1 responder disagreed
 - 1 responder N/A
- **I use the skills I learned during the training in my institution**
 - 85 responders from 151 strongly agreed
 - 49 responders agreed
 - 16 responders stayed neutral
 - 6 responders disagreed
- **I can correctly use and explain what I have learned during the trainings in my classroom**
 - 88 responders from 151 strongly agreed
 - 9 responders agreed
 - 14 responders stayed neutral
- **The trainings are exactly what was needed in the Institution to advance the learning processes**
 - 90 responders from 151 strongly agreed
 - 42 responders agreed
 - 19 responders stayed neutral
- **The trainings provided help to develop the teaching in an innovative way**
 - 91 responders from 151 strongly agreed
 - 44 responders agreed
 - 14 responders stayed neutral
 - 2 responders disagreed
- **The students profit from the new innovative teaching**
 - 88 responders from 151 strongly agreed
 - 49 responders agreed
 - 11 responders stayed neutral
 - 3 responders disagreed



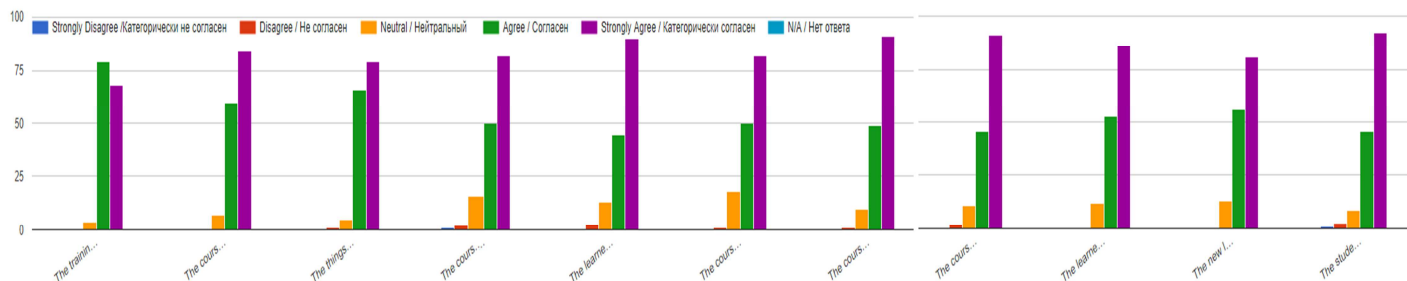
5 Feedback on the outcomes of the training

We would also like your feedback on the outcome of the training. 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 training will have an impact**
 - 68 responders from 151 strongly agreed
 - 79 responders agreed
 - 4 responders stayed neutral
- **The course was useful for the teaching at my institution**
 - 84 responders from 151 strongly agreed
 - 60 responders agreed
 - 7 responders stayed neutral
- **The things I have learned in the courses will help me to attract better students to the institution**
 - 79 from 151 strongly agreed
 - 66 responders agreed
 - 5 responders stayed neutral
 - 1 disagree
- **The courses will help me to create innovative teaching inside the institution**
 - 82 responders of 151 strongly agreed
 - 50 responders agreed
 - 16 responder stayed neutral
 - 2 responders disagreed
 - 1 responder strongly disagreed
- **The learned information helps me to hold more interesting classes**
 - 90 responders of 151 strongly agreed
 - 45 responders agreed
 - 18 responders stayed neutral



- 3 responders disagreed
- **The courses help me to please the needs of my students better**
 - 82 responders from 151 strongly agreed
 - 50 responders agreed
 - 18 responder stayed neutral
 - 1 responder disagreed
- **The courses deliver exactly the result that I expected when we started the project**
 - 91 from 151 strongly agreed
 - 49 responders agreed
 - 10 responders stayed neutral
 - 1 responder disagreed
- **The courses make my life as a teacher easier**
 - 91 responders from 150 strongly agreed
 - 46 responders agreed
 - 11 responder stayed neutral
 - 2 responders disagreed
- **The learned information makes teaching more fun**
 - 86 responders from 151 strongly agreed
 - 53 responders agreed
 - 12 responder stayed neutral
- **The new learned methods make students learn better**
 - 81 responders from 150 strongly agreed
 - 56 responders agreed
 - 13 responders stayed neutral
- **The students seem to have more fun during the classes when I teach them in the new innovative way**
 - 92 responders from 150 strongly agreed
 - 46 responders agreed
 - 9 responders stayed neutral
 - 3 responders disagreed
 - 1 responder strongly disagreed



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

48 different responses, including followings:

- More often classes
- Nothing
- No
- It was really good no objections

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

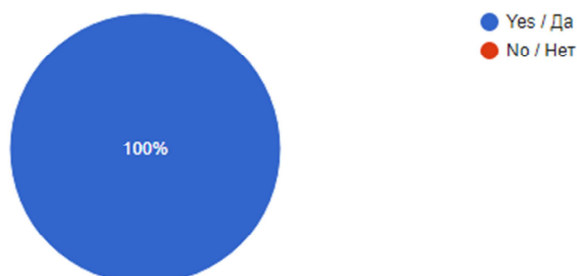
49 different responses, including followings:

- No comment
- Nothing
- agree
- N/A

8 Workflow timing

8. Were the training courses given on time? / Были ли учебные курсы проведены вовремя?

149 responses

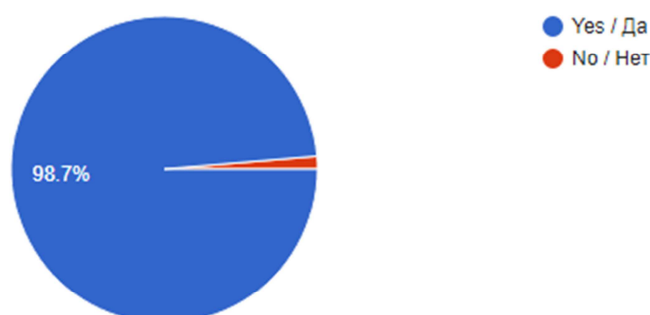




9 Workflow commentary

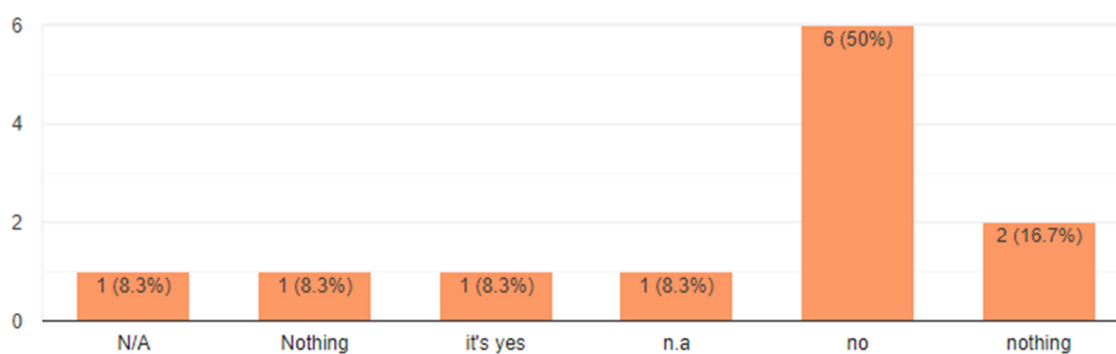
9. Did you get the chance for comments and criticism? / Вы получили возможность для комментариев и критики?

150 responses



10 If the answer to question 9 was no, what comments or criticism would you have on the training courses?

12 responses





11 Any Other comments

57 different responses, including followings:

- No
- Everything was good
- Training went well
- More offline classes
- Maybe offline classes would be better
- Everything was well prepared

CONCLUSION

This report is the Evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods in Uzbekistan 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 training course is high;
- The quality of the training course is high;
- The quality of the layout and content is high;
- The level of agreement about outcome of the training course is high;
- The workflow and timing between lecturers and course teachers is on high level;
- Content of training course is appropriate;
- The training course is useful for lecturers.