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



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

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SUMMARY

This document presents the results of a SURVEY (Google form) on the assessment of courses for trainers for the acquisition of digital skills and innovative teaching and learning methods in Uzbekistan for the Erasmus project 2018 - 3331/001 - 001, MODERNISATION OF HIGHER EDUCATION IN CENTRAL ASIA THROUGH NEW TECHNOLOGIES (HiEdTec).

MAIN OBJECTIVES OF THIS RESEARCH:

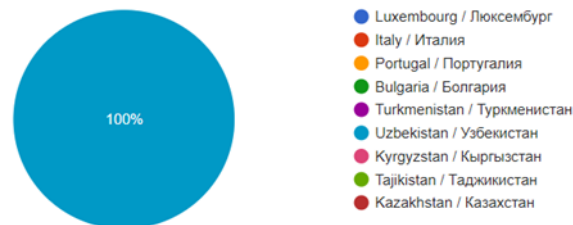
To determine the opinion of trainers about the courses in order to be able to use fruitfully the Center for innovative work with students and staff on new educational technologies in an appropriate and innovative way for future training.



Question 1. Which country are you from?

European partners surveyed trainers at different universities in partner countries to get feedback about the quality of the courses for trainers to acquire digital skills and innovative teaching and learning methods, particularly Uzbekistan. In this paper, the answers and opinions of Uzbekistan team members about the course will be analyzed. Overall, 15 respondents from 3 universities attended in the questionnaire. They are Tashkent State University of Economics, Tashkent Information Technology University, Andijan Machine Building Institute. The total number of respondents was 15, and 100% of them are from Uzbekistan. The structure of respondent countries can be viewed in more detail in Figure 1.

Figure 1 – Countries of respondents



Question 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.

According to the results of the responses (Fig.2), all participants of the online course were satisfied with the structure of the training:

- not at all well-structured 0% (0),
- Not bad structured 0% (0),
- Normal structured 0%(0),
- Good structured 26,7% (4)
- extremely well-structured 73,3% (11)

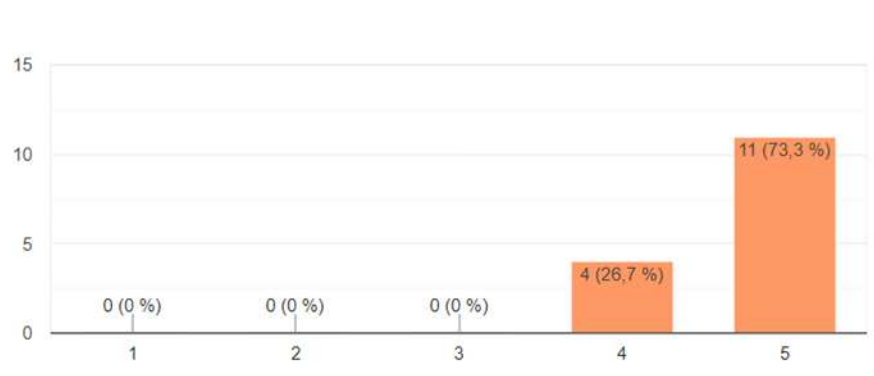


Figure 2. The results of the satisfaction degree of respondents about the structure of the training courses



Question 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.

Analysis of the answers to this question showed (Fig.3) that the respondents considered that the quality was outstanding. Answers indicated that the largest number of them evaluate extremely good (60% of all answers) and good (40%):

- Very bad 0% (0),
- Not bad 0% (0),
- Normal 0%(0),
- Good 40% (6)
- extremely good 60% (9)

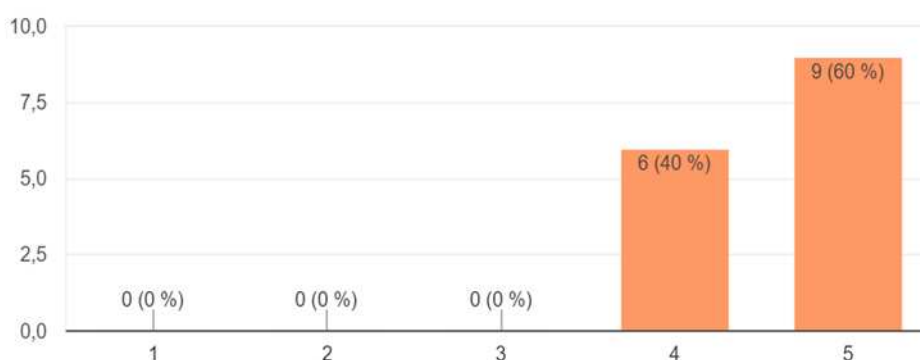


Figure 3 - Histogram of answers to the question, "Please tell us how you rate the quality?"

Question 4. Now we have a few questions about the objectives of the trainings. 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."

From this question, the objectives of the training were clarified in detail. Total items are 12, and respondents have graded using a 1 to 5 scale, which "1" means you strongly disagree, and "5" means you strongly agree. Even there was a chance the selection of "NA" if a statement does not apply. We can see the results in the table which is given below.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
The training objectives were clearly communicated.				7	8	
The objectives were met.			1	5	9	
Follow-up actions resulted from the pieces of training.			1	6	8	



It is clear what training is needed.			1	3	10	1
The right people were addressed with the trainings			2	6	6	1
The technical equipment has been explained sufficiently			1	7	7	
The technical equipment is exactly the one explained in the trainings				7	8	
I use the skills I learned during the training in my institution .				5	9	1
I can correctly use and explain what I have learned during the trainings in my classroom				7	7	1
The trainings are exactly what was needed in the Institution to advance the learning processes				6	8	1
The trainings provided help to develop the teaching in an innovative way			1	4	9	1
The students profit from the new innovative teaching			1	4	9	1

Figure 4 - Table of answers to a few questions about the objectives of the trainings.

According to the table, most of the training objectives were a match with the requirements of participants (Fig.4). However, in some questions, respondents preferred to be in neutral and N/A positions. For instance, in the questions about objective, follow-up actions, purpose, and addressing people of the training, as well as relating to technical issues.

Question 5. We would also like your feedback on the outcome of the trainings. 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 next question was addressed on the consequences of the training, and participants share the level of agreement with using a 1 to 5 scale. All respondents evaluated outcomes the practice highly effective.

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neutral</i>	<i>Agree</i>	<i>Strongly Agree</i>	<i>N/A</i>
The training will have an impact.				5	10	
The courses were useful for teaching at my Institution.				7	8	



The things I have learned in the courses will help me to attract better students to the institution				7	8	
The courses will help me to create innovative teaching inside the institution				4	11	
The learned information helps me to hold more interesting classes				8	7	
The courses help me to please the needs of my students better				6	8	1
The courses deliver exactly the result that I expected when we started the project				7	8	
The courses make my life as a teacher easier			1	5	8	1
The learned information makes teaching more fun			1	8	5	1
The new learned methods make students learn better			1	2	11	1
The students seem to have more fun during the classes when I teach them in the new innovative way			1	6	7	1

Figure 5 - Table of answers to feedback on the outcome of the training.

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

Answers to this question are definite. Some respondents have shared some suggestions to improve training quality. For instance, one of the respondents recommended to "increase training days" for efficiency; others believed that training was exciting and matched with their expectations.

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

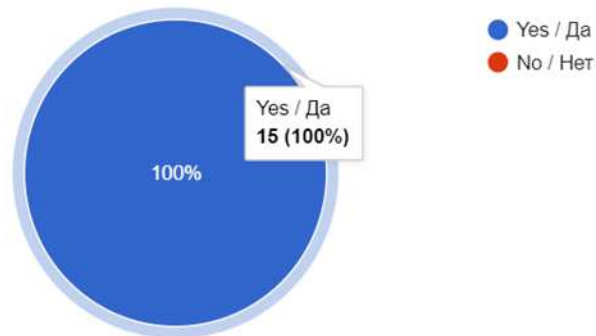
All respondents agreed to the points above in question 5 and 6, so there were no comments.

Question 8. Were the training courses given on time?

Answers to this question were "Yes" for 100%.

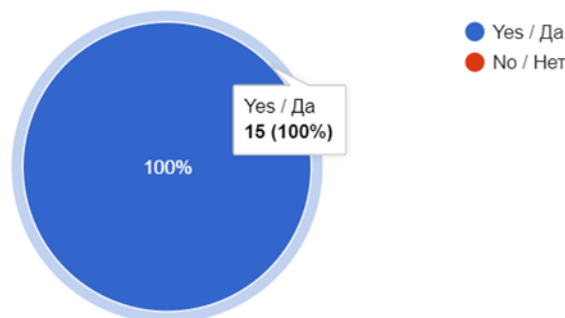


Question 9. Did you get the chance for comments and criticism?



According to the answers, all participants had the chance to share their comments and critics.

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



No comments were given.

Question 11. Any other comments.

The last question allows participants to write their comments and suggestions. According to answers, courses were found useful, innovative, and interactive, and some participants expressed their gratitude for organizers, particularly the Portuguese team, for their massive efforts. Besides, some respondents recommended to support training with online or video materials and create some platform for communication among participants for sharing group works and experiences. Overall, respondents were satisfied with organized online courses.



SUMMARY

To sum up, the survey covered 3 partner universities in Uzbekistan. From each partner university in Uzbekistan 5 trainers, total 15 responses were collected. Respondents were asked to evaluate the training considering their experiences in the learning processes.

According to the survey results, all of the trainers agree that training courses are well structured and their quality rate is high.

In the training, course objectives were clearly communicated and met. Most respondents think that right people were selected and they intend to use skills learned in the training. Neutral answers to the question doesn't exceed 10% of total answers, 90-95 answers overall confirm that training provided help to develop the teaching in an innovative way and are exactly what was needed in the Institution to advance the learning processes.

RECOMMENDATIONS

As trained faculty were not familiar with new tools and skills that were taught in the course, initially trained trainers think that it is important to faculty give enough time to check their skills and experience in the practice. This practice will help them reflect on their new learned skills and their feedback also be more meaningful. Considering previous training experience, we think that follow training should consider followings:

1. Identify the skills that already faculty have and divide them into groups according to their IT skill level. This will help accomplish courses more effectively and work with targeted groups more efficiently.
2. Identify most difficult parts for learners and focus their better delivery.
3. Consider doing follow-up mini-sessions a month or two after a training session, where participants can interact and talk about their experiences and challenges applying what was learned.
4. Encourage educational department or responsible department for training to take part in trainings. It helps to involve appropriate 50 faculties for next training.
5. Encourage and arrange for participants to teach or communicate what they learned. Small pitches for 5-10 minutes on what they learned will help summarize overall success of the trainings.



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