
THE SHORT-TERM STAFF TRAINING EVENT (C1)

The first short-term staff training event (C1), "Innovative digital teaching methodologies for nursing studies", was held at the University of Novi Sad Faculty of Medicine from May 31 to June 4, 2022. The workshop is part of learning, teaching, and training activities within the project Digital Education in Nursing - DEN. All partner organizations, i.e., representatives of Malmö University (Faculty of Health and Society) - Sweden, College of Nursing Celje - Slovenia, Goce Delchev University Štip (Faculty of Medical Science) - North Macedonia, University of Applied Health Science Zagreb - Croatia and University of Novi Sad (Faculty of Medicine) - Serbia participated in this five-day workshop.

The meeting was opened by the Dean of the Faculty of Medicine (University of Novi Sad), prof. Dr Snežana Brkić and DEN project leader Assoc. Prof. Dr Vedrana Vejzović.

After that, Assoc. Prof. Dr Ann-Cathrine Bramhagen and Prof. Dr Dragana Milutinović presented what has been done through DEN activities during the year 2021. and what will be done during the year 2022.

The activities began with a lecture by our Vice Dean for Academic Affairs, Prof. Dr Zorana Komazeca. The topic was the implementation of digital education at the Faculty of Medicine in Novi Sad, particularly concerning its improvement during the COVID 19 pandemic. Meanwhile, Katja Esih, BEc (College of Nursing Celje) presented the results of the SWOT analysis of the used digital education solutions of all partners involved in the project DEN. The SWOT analysis includes information about the study program, the realization of lectures and exams during the pandemic, and the opinion of students and teachers about the implemented digital education.

In the second part of our activities, Prof. Dr Dragana Milutinović (University of Novi Sad) presented a theoretical summary of important pedagogical theories useful in digital education. In the presentation, she referred to many learning theories from the 20th and 21st centuries (behaviourism, cognitivism, constructivism and connectivism) and connected them to DEN using appropriate teaching strategies. Building on the previous lecture that student understanding is an important component of quality teaching, Prof. Dr Dragana Simin (University of Novi Sad) presented an analysis of the characteristics of generations, differences between generations, how to bridge the generation gap and which teaching and learning methods should be applied to bridge the generation gap. At the end of the lecture, the participants were divided into four groups to solve a quiz on knowledge of generational

characteristics. The quiz was created in the Form Questionnaire and the goal was not only the application of the digital tool but also to gain group cohesion and to build a base for further work.

Further training of the participants on the advantages and disadvantages of technologies (high and low fidelity simulators, Learning Management Systems - Moodle, YouTube, communication systems such as Zoom, Microsoft Teams and BigBlueButton) that are used in the realization of synchronous or asynchronous digital content was made by Boris Ilić, lecturer (University of Applied Health Science Zagreb). He highlighted the importance of Internet access and its speed, video or camera and audio quality.

Teaching in an online learning environment using Gilly Salmon's five-stage model was presented by teachers from Assoc. Prof. Dr Vedrana Vejzović and Assoc. Prof. Dr Ann-Cathrine Bramhagen (Malmö University).

And finally, Asst. Prof. Dr Tamara Štemberger Kolnik (College of Nursing Celje) presented the European framework of digital competencies for teachers and then started a discussion on defining the digital competencies of nursing educators.

On the second day (June 1, 2022), the workshop was led by colleagues from the University of Applied Health Science Zagreb. In the first part, entitled Teaching group management - Olja Vori, teaching assistant presented student engagement and integrity in the teaching process. During the workshop, it was practiced how the teacher's behaviour could affect the teaching course and the student's behaviour; we discussed about student honesty and dishonesty and the difficulties we face in digital education. To understand the challenges, two experiments (The Marshmallow Experiment, and The Fun Theory 1 - Piano Staircase Initiative) were presented and discussed. Finally, an interactive training was held through a game, the main goal of which was to show how we transfer information and how much we trust our interlocutor. The second part of the workshop was led by Boris Ilić, lecturer, who presented the implementation of the ERR framework in online education. Namely, through this lecture, starting from phase one - evocation, through a second phase – realization until the final phase – reflection, the participants had the opportunity to learn in detail about this specific way of keeping and strengthening the attention of students at a high level in a home environment full of distractions during online classes.

On the same day, in cooperation with NS - tourism organization, a walking tour around Novi Sad was organized in the afternoon with the aim of group cohesion and cultural-historical acquaintance with the host city.

On the third day (June 2, 2022), the activities were led by representatives of the University of Novi Sad and Goce Delchev University Štip. The workshop entitled Using a digital escape

room (ER) in teaching (University of Novi Sad) was realized in two parts. In the first part, Prof. Dr Dragana Simin presented the theoretical framework of ER and gave detailed instructions for its implementation in a real environment and method of evaluation (students' opinion). Afterwards, the participants had the opportunity to familiarize themselves with one of the ERs implemented at the Faculty of Medicine in Novi Sad and the results of its evaluation through a video presentation. In the second part of this workshop, Prof. Dr Dragana Milutinović, presented the steps in transforming the on-site ER into a digital ER and, after that, using his accounts on the SOVA learning platform of the University of Novi Sad, Prof. Dr Sanja Tomić and Asst. Dr Vladimir Dolinaj demonstrated digital ER with six tasks. Prof. Dr Dragana Simin and prof. Dr Dragana Milutinović created this digital ER with the support of the SOVA platform administrator Živana Komlenov – Mudrinski. The authors used different digital tools (tools for image and sound integration, interactive photos, crossword puzzles, etc.), and they required the students to apply different knowledge and skills.

Prof. Dr Gordana Panova (Goce Delchev University Štip) led the workshop with a topic of a formative and summative assessment of knowledge in a digital environment. The colleagues from North Macedonia demonstrated step by step the formation of the question database on the learning platform, the types of questions for electronic quizzes, the ways of selecting questions for the final test, and the possibilities of its implementation and evaluation.

On the fourth day (June 3, 2022), the activities were led by representatives (College of Nursing Celje). Assist. Prof. Dr Tamara Štemberger Kolnik and Barbara Smrke, lecturer, presented the workshop's advantages and disadvantages of using social networks in digital education. This was followed by a lecture and a demonstration of flipped learning using videos or excerpts from movies, which connects the clinical environment with theoretical content and creative teaching and facilitates learning and solving tasks related to patient care. In the continuation, all the participants got access to the College of Nursing learning platform and were trained to develop the video as an educational and assessment tool using HP5 TOOL to create effective and interactive content.

In the evening, a joint dinner and gathering were held in the "Fontana" restaurant.

During workshops on day five (June 4, 2022), Malmö University presented Padlet as one of the pedagogical methods used at the Department of Caring Sciences, Malmö University. It is an educational tool and can be compared to making posts on a digital writing surface. Padlet has many uses and can be used, for example, for collaboration, notes, links, and discussions, for both online and in-classroom teaching synchronously or asynchronously. Pia Dahav, lecturer, and Elisabeth Renmarker, lecturer, started with a general introduction to the Padlet and its possibilities.



After the general introduction on how to use the Padlet, the teachers had the opportunity to log in and test this part of the Padlet that was considered helpful for their students. Furthermore, Assoc. Prof. Dr Charlotta Sunnqvist introduced the use of the Padlet in a qualitative analysis of texts. It is one of the possibilities where Padlet could be used at the advanced level where nursing students use qualitative research methods as part of their education. Written material with an introduction to the task to be trained and texts to be analyzed were assigned to everyone on the first day to save time for reading during workshop time. The participants were divided into groups of 5-6 people and, in these small groups, analyzed an English text according to the assigned literature. The analysis was then presented to the large group for further discussion.

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