

## The fourth LTT activity was successfully held within the DIGI4Teach project



The fourth activity of the learning, teaching and training (LTTA C5) was successfully held within the strategic partnership project co-funded by the Erasmus+ program entitled „*Challenges and practices of teaching economic disciplines in era of digitalization*“ - DIGI4Teach. A three-day workshop “**Train the Trainers**

**Workshop – Application of Digital Tools in Case Study Development**” was held in the organization of the host institution *University of Zagreb* at three locations: the Faculty of Economics & Business, the Second School of Economics Zagreb and the Third School of Economics Zagreb in the period November 22-24, 2022. A total of 26 representatives of partner institutions participated in LTTA C5, along with the members of the host University.



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On the first day, the dean of the Faculty of Economics & Business, University of Zagreb (FEB Zagreb) [Sanja Sever Mališ, PhD](#) and the DIGI4Teach project coordinator [Nikolina Dečman, PhD](#) addressed the participants with a welcome speech. The first lecture entitled “*Digital transformation of the Faculty of Economics & Business*” was given by Božidar Jaković, PhD, Vice Dean for students, study programs and digitalization at FEB Zagreb. Project coordinator Nikolina Dečman, PhD presented the activities and expected outputs of the project as well as the most significant results of the research conducted within the DIGI4Teach project among students and teachers in partner countries (Croatia, Germany, Poland and Serbia) on the use of digital technologies in the teaching process, with special emphasis on the advantages and disadvantages of their application in teaching.



Ernst & Young representatives, partner Filip Hitrec, senior manager Alem Ćorić and manager Andrija Stilinović, held a lecture on *"Digitalization in Audit: Use of Audit Tools"*. The director of the Digital Solutions Division from the Financial Agency, Andreja Kajtaz, held a lecture on *"Digital services through the accounting profession and beyond"*. The next lecture on the topic *"Digital Transformation of the Croatian Tax Administration, e-services and their impact on teaching in the field of business economics"* was held by representatives of the Ministry of Finance - Tax Administration, director general of the Tax Administration Božidar Kutleša and tax advisor in the Department for the development of application solutions and information systems Frano Barišić. Josipa Majić Predin, who is an external associate at the Faculty of Economics & Business of the University of Zagreb, addressed the participants via Google Meet. She introduced the participants to affective computing and its application in the teaching and held a lecture entitled *"How can artificial intelligence (AI) be used in teaching economics and business?"*. Each lecture and presentation were followed by an exciting session of questions and answers as well as discussions between participants and lecturers.

After the lectures, the hosts from the FEB Zagreb took the participants on a tour of the organizational units of the Faculty, which represent examples of good practice in the digitization of the work and teaching process, where the participants had the opportunity to hear about the digitization of the library, 3D printing technology and its application in teaching, and had the opportunity visit and tour the Affective Computing Lab. The tour of the digital premises was led by representatives of the host University: Zrinka Udiljak Bugarinovski, univ. spec. oec., Filip Pšenica, BA, Tomislav Medić, MA and Josipa Majić Predin, MA.





The second day was reserved for the presentation of different case studies that were created as a result of the training in previous teacher trainings, and in the preparation of which different digital tools were applied. Within this workshop, project members were educated how to use different digital tools when developing case studies (Canva, Padlet, Book Creator, Genially, QR code generator, Nearpod, PearDeck, Excel, Google Slides, SlidesCarnival, Quizlet, Kahoot, LearningApps, Answer Garden, Word art, Word wall, Brainscape, etc.) with a special emphasis on the "train the trainers" approach. The first case studies entitled "*Business documentation in practice firms & Calculation of business travel*" were presented by Zorica Hrgovčić, MA and Romana Rusek, MA from the First School of Economics Zagreb. Ivana Virovac Bilandžija, MA, Petra Bručić Barić, MA, Ivana Brnada, MA and Ivana Hlobik, MA from the Second School of Economics Zagreb presented case studies entitled "*Introducing a new product line to the market & Graduation trip organization*". The following case studies entitled "*Real estate price analysis & Croatia as a tourism destination*" were presented by Lada Tabak, MA and Jana Staroveški, MA from the Third School of Economics Zagreb. The last presented case studies entitled "*Designing a logo for a practice firm & Analysis of credit indebtedness*" were presented by Blankica Odak, MA and Sanja Dömötörffy, MA from the School of Economics, Trade and Catering in Samobor.



The rest of the day was dedicated to a study trip to Krapina, where the participants had the opportunity to listen to an interesting lecture by Eduard Vasiljević, head of one of the most digitized museums - the Museum of Krapina Neanderthals, on the topic "*Information technologies in cultural tourism: learning by doing case Museum of Krapina Neanderthals*".

The last day of the training was divided into two parts. The participants spent the first part of the day in secondary economic schools in two locations, where students solved case studies on computers using various digital tools. Upon completion, all students were awarded certificates for participating in this activity. In the second part of the day, upon returning to the FEB Zagreb, Mateja Brozović, PhD and Marina Ercegović, PhD

presented a case study about the application of digital tools in the field of accounting entitled “*Financial Statement Analysis – Accounting*”. At the end of the training program, Jakša Krišto, PhD presented the activities carried out by the Institutional Investors LAB and highlighted the digital tools that are used in the field of financial literacy and sustainable investments, giving a lecture on “*Digital tools as a driver of financial literacy and sustainable investments: Case Institutional investors LAB*”.

At the end of the official part of the training, the main conclusions of the LTTA C5 workshop were made about the use of digital tools in teaching and how they must be applied in order to make teaching and teaching materials as high-quality, dynamic and applicable as possible for both high school and university students. Recommendations for improving the teaching methodology in the era of digitization were given and the participants were awarded with certificates of participation. During the three-day training, active discussion was encouraged. In addition to the official part of the activity, the participants socialized at various social activities, where the project members further strengthened their cooperation and team spirit. The participants of this training especially emphasized that with this workshop they additionally strengthened their digital skills in developing case studies, which they will be more than happy to apply in the teaching process. All participants were really satisfied with the overall organization, lectures, presentations of various cases from almost all areas of the economy with the practical application of numerous digital tools, as well as the positive and inspiring work atmosphere that prevailed throughout the duration of the activity. In this sense, participants of the workshop expressed their gratitude to Nikolina Dečman, PhD and her entire team for the successfully organized LTTA C5 training.

