

**Project PRINTel Innovation Pedagogy Methods Training Course in Georgian Technical
University**

Internal Teacher Training Course

**„Active Learning with Special Focus on Technology Enhance Collaborating
Learning“**

On March 4-9, 2019, in the framework of EU funded ERASMUS+ Program PRINTel Project, offering additional opportunities for the Professors' professional development, Assistant Professor Darejan Tsutskiridze (Faculty of Engineering Economic, Media Technology and Social Sciences) carried out the certified Teacher Training course "Active Learning with special focus on Technology Enhanced Collaborative Learning" promoting innovative teaching and learning. Darejan Tsutskiridze attended the TOT course at KU Leuven in Leuven, Belgium, in November 2018 within PRINTel project.

The training was aimed at the popularization and development of innovative pedagogy. The five day training in innovative teaching and learning envisaged 10 hours presented in 2 hours per day for 5 days of classroom work and 20 hours of individual work (1 ECTS Credit).

Academic staff from GTU 8 departments of 5 Faculties took part in the training (Faculty of Engineering Economic, Media Technology and Social Sciences; Faculty of Law and International Relations; Faculty of Business Technology; Faculty of Informatics and Control Systems; Faculty of Transportation and Mechanical Engineering).

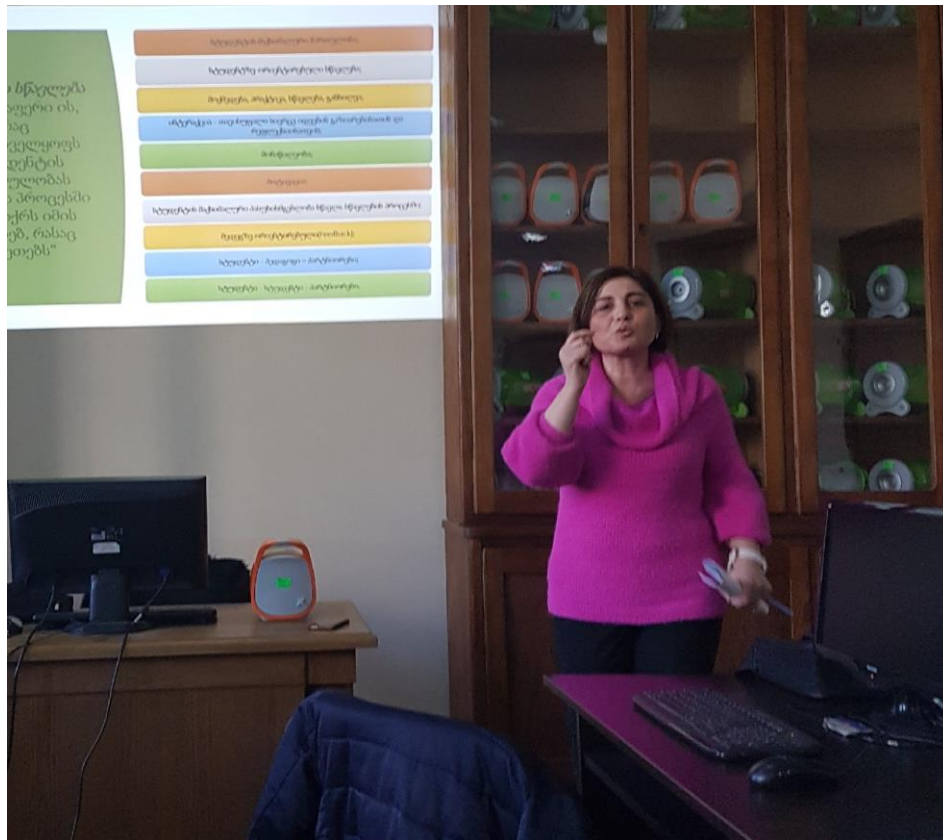


Figure 1. Starting of TT Training Course

During the training participants were acquainted with a number of important theoretical and practical issues, namely with the importance of active learning, the essence and the decisive role in the modern teaching-learning process and importance to involve students maximally; active teaching methods, techniques and practical ways of their implementation.

Particular attention was paid to the various ways of group working for small and large classes such as Think-Pair-Share, Jigsaw, Structure Debated and etc. and positive aspects of their using. Particular attention was paid "Concept Map" for re-thinking theoretical issues of active learning.



Figure 2. Active Learning, Explaining

During the training was made main accent on the importance and necessity of using technologies in the teaching-learning process. Professors and teachers learned about the use of online news channels necessity and types. Special attention was paid to "TPACK" model component (technology, content, pedagogic) relationship.

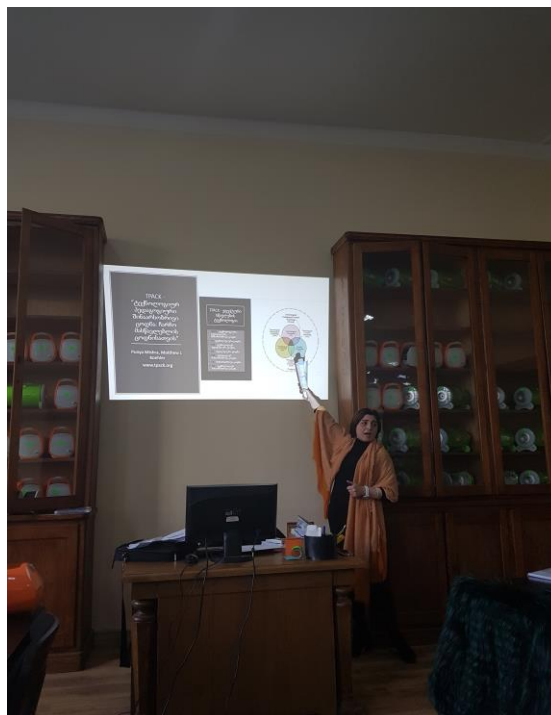


Figure 3. TPACK Explaining

Also, "ADDIE" model was discussed in detail, its phases (analyze, design, development, implementation, evaluation) and main components of different phases, for example: objectives, environment, audience, students characteristics, etc.

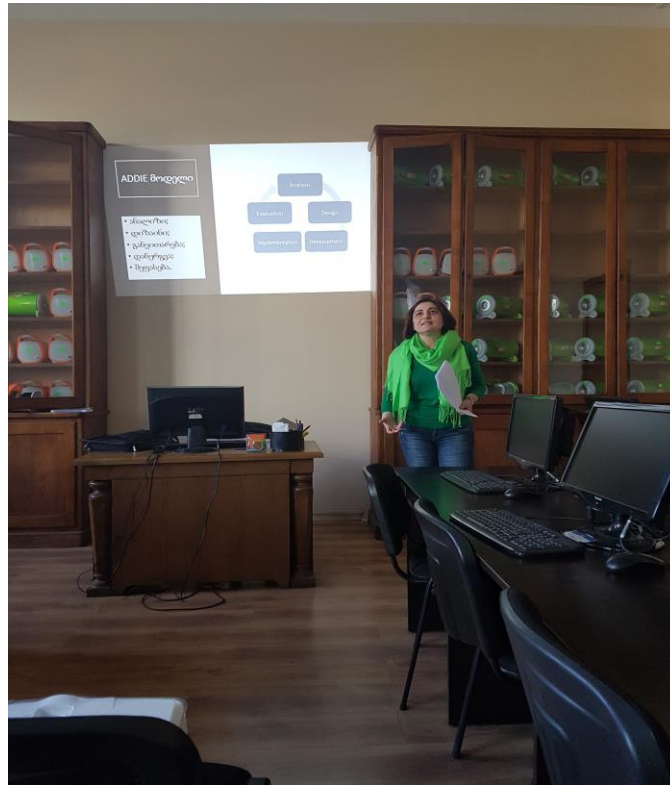


Figure 4. ADDIE Model Explaining

The participants studied the response system "Mentimeter" and "Google Forms" and carried out practical work independently. During the course of the training, the professors-teachers were divided in groups. They performed a number of activities, group practical assignments for example "TPACK Game".

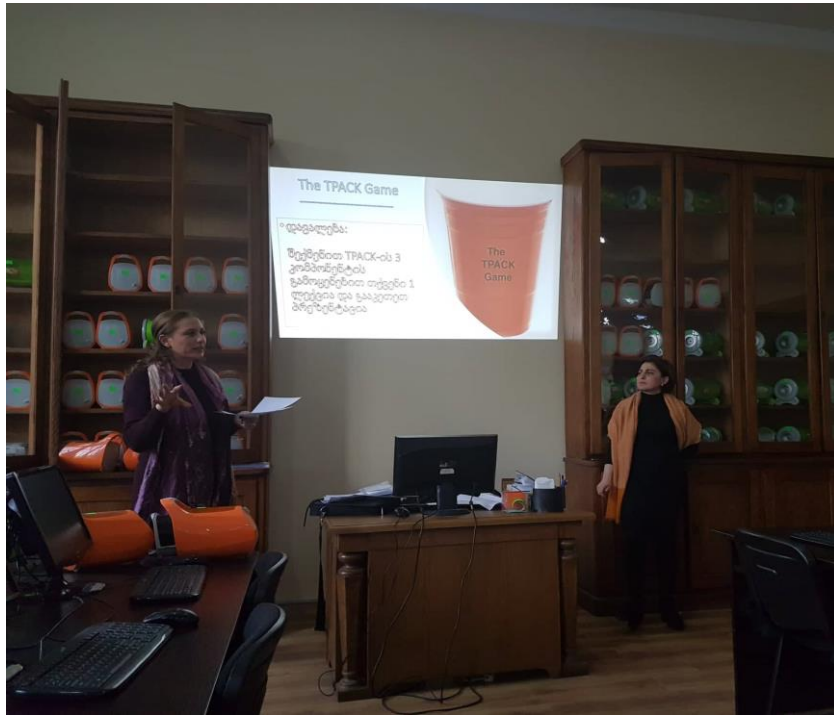


Figure 5 TPACK Game

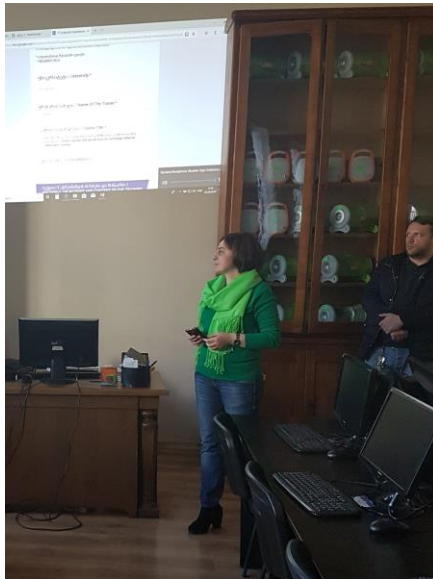


Figure 6. "Google Forms" Presentation



Figure 7. Group Working

At the end of TT training course all the participants presented their final curricula modified with the newly acquired knowledge, expressed their opinions and evaluated the training course.

After the successful completion of the course, the participants were awarded with appropriate certificates.

The TT training courses within project PRINTEL in GTU were conducted in partnership with GTU Innovations Center, Center of Teachers' Professional Development, established on the basis of PRINTEL capacity building context.



Figure 8. Awarding of Certificates