INNOVATIVE
AND TECHNOLOGY-ENHANCED
TEACHING AND LEARNING

TEACHER'S HANDBOOK









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INNOVATIVE AND TECHNOLOGY-ENHANCED TEACHING AND LEARNING

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This Handbook is developed by the joint efforts of the partner universities involved in the ERASMUS+ CBHE "PRINTeL" project (www.printel.am). It is intended for the teaching staff and students of higher education institutions, as well as the professionals from the field of education and training, who are interested in the technology-enhanced innovative teaching and learning interactive methods.

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Forword

The current Handbook is developed within the frames of Erasmus+ PRINTeL project aimed at promoting innovative teaching and learning (T&L) pedagogies in Eastern Partnership Countries (EPC) - Armenia, Georgia and Belarus. The project contributes to enhancing student real-life learning experience by introducing a major change in the classroom via interactive and technology-enhanced T&L practices. The training of the university teaching staff on new, interactive T&L methods and approaches is on PRINTeL target as well.

The expertise and experience of EU and EPC universities participating in the project have served as a basis for this Handbook development. It compiles the materials of PRINTeL training of trainer (TOT) workshops held at 5 EU partner universities, which later were fine-tuned by EPC university trainers based on their 100 in-house teacher trainings (TT) experience.

The Handbook consists of five chapters, each devoted to a certain T&L method and/or strategy, as follows:

Through the material, experience and best practices accumulated in this manual, the Handbook delivers general knowledge on the use of active T&L pedagogical methods mentioned above, suggests practical tips for teachers and trainers, offers methodological patterns applied in students teaching and teachers training and provides a depository of resources on the specified innovative T&L methods.

Each T&L method in this Handbook is described in detail and advices on advantages and challenges of each are offered. The Handbook allows the users to set the pace of their learning, as well as the depth to which they strive in relation to each method.

The present Handbook aims to offer support both for university teachers who themselves want to learn more about active learning methods and for trainers who train their colleagues on the use of these methods. The proposed activities can be undertaken individually, jointly with a few peers or in a more

formal training group. In case of group training, the trainer decides which resources listed in the Handbook to apply. Individual learners can make their own selection of provided material.

Readers interested in being engaged in virtual communities and discussion groups of various teaching practices, as well as seeking for additional Open Educational Recourses (OER) for their practice are kindly invited to get registered and become a member of the **Virtual Academy of Teaching and Learning (VATL)** at www.vatl.ysu.am, - an online platform and a depositary of OERs for the teachers and students interested in innovative and technology enhanced T&L.

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Coordinator of the PRINTeL project

PRINTeL PROJECT PARTICIPANTS

The following institutions from EPC and EU countries are involved in the project consortium:

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- · Vanadzor State University after H. Tumanyan (VSU), Armenia
- Ilia State University (ISU), Georgia
- · Georgian Technical University (GTU), Georgia
- Iakob Gogebashvili Telavi State University (TeSaU), Georgia
- Belarusian State University (BSU), Belarus
- Brest State Technical University (BrSTU), Belarus
- · Yanka Kupala State University of Grodno (YKSUG), Belarus

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 National Center for Strategic Research in Higher Education (NCSRHE), Armenia

EU partner institutions:

- · Katholieke Universiteit Leuven (KU Leuven), Belgium
- · Universitat de Barcelona (UB), Spain
- · Universidade do Porto (U.PORTO), Portugal
- · Linköping Universitet (LiU), Sweden
- FH Joanneum Gesellschaft mbH (FHJ), Austria

For further information about the PRINTeL project please visit the project's website on www.printel.am.