**Improving STEM Teaching Process using Digital Transformation - DIGSTEM**

supported by the Visegrad Fund

**Webinar:**

**Implementation of STEM Principles in Education System**

Online - Zoom application

06th March 2024

**Moderator:**

Dr. Aleksandra Petrovic, University of Pristina in Kosovska Mitrovica

**Organizer:**

University of Pristina in Kosovska Mitrovica - Faculty of Technical Sciences

**Consortium:**

University of Pristina in Kosovska Mitrovica - coordinator

Lublin University of Technology

Obuda University

University of Zilina

Universum International College

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| **Webinar: Implementation of STEM Principles in Education System** | |
| **09:30-10:00** | **Participants registration** |
| **10:00-10:15** | **Welcome and introduction**  *Prof. Dr. Nebojsa Arsic, Rector of University of Pristina in Kosovska Mitrovica*  *Dr. Vladimir Maksimovic, University of Pristina in Kosovska Mitrovica* |
| **10:15-11:15** | **DigSTEM Survey - Presentation of the Results**  *Dr. Jelena Todorovic, University of Pristina in Kosovska Mitrovica*  *MA. Dijana Latifaj, Universum International College*  *Prof. Dr. Michał Charlak, Lublin University of Technology*  *Prof. Dr. András Horváth, Obuda University*  *Prof. Dr. Emília Madudová, University of Zilina* |
| **11:15-11:30** | **HMI-LAB and its Use for STEM Education**  *Prof. Dr.Radovan Madleňák, University of Zilina* |
| **11:30-11:45** | **STEM Integration in the Educational Process**  *Prof. Dr. Jiří Tengler, University of Zilina* |
| **11:45-12:00** | **Collaborative Workshop Module in Moodle**  *Prof. Dr. Viktor Gonda, Obuda University* |
| **12:00-12:15** | **Ágota Drégelyi-Kiss: Using the Moodle Quiz for Assessment**  *Prof. Dr. Ágota Drégelyi-Kiss, Obuda University* |
| **12:15-12:30** | **Break** |
| **12:30-12:45** | **Using of escape rooms in the teaching process**  *Dr. Agnieszka Gandzel, Prof. Dr. Michał Charlak, Lublin University of Technology* |
| **12:45-13:00** | **Using the question bank for creating tests in the Moodle**  *Prof. Dr. Michał Charlak, Lublin University of Technology* |
| **13:00-13:15** | **Smart Classroom: Multifunctional Smart Room for Interactive Education and Connectivity**  *Dr. Vladimir Maksimovic, University of Pristina in Kosovska Mitrovica* |
| **13:15-13:30** | **Implementation of a Multimedia Television System as an Educational Laboratory**  *Prof. Dr. Branimir Jaksic, University of Pristina in Kosovska Mitrovica* |
| **13:30-13:45** | **Using AI for STEM courses**  *MA. Uran Rraci, Universum International College* |
| **13:45-14:00** | **Virtual Reality (VR) and Augmented Reality (AR) in STEM Education**  *MA. Ilir Berisha, Universum International College* |
| **14:00-14:30** | **General discussion and conclusions** |