

Preface

This issue is a multidisciplinary volume in the field of technical and educational science with 8 articles. This issue supports these aspirations with several aspects which appear in the papers.

Nazmi Xhomara, Tomi Treska and Vahidije Kadiu evaluate the correlation between instruction time and student's school attitude in Albania and European Countries. The study demonstrates a positive correlation between curriculum instruction time and the students' school attitude.

Tünde Lengyel Molnár presents digital applications suitable for sharing the reading experience that can be used not only within the frames of formal classes, but in non-formal education as well. The paper presents concrete feasibility options and analyse them based on their practical benefits.

Sanja Maravic Cisar and Robert Pinter evaluate the dropout rate at Subotica Tech to determine the dynamics of the study and to detect the critical points of the teaching process which lead to problems and finding the best way to eliminate them.

Beáta Orosz et al. deal with the digital cooperative environments and the aspects of tendencies and phenomena generated by digitalization and introduce its immediate, practical impact on the teaching and learning process and they emphasize such key competences, which are relevant and crucial for the support of digitalization in the 21st century.

Cristina Costescu and Adrian Marian Rosan develop an assessment protocol, which could identify if there are differences in the way individuals with low autism spectrum traits and high autism spectrum traits process written social information using eye-tracking based evaluation. This information may help to specify the development of educational techniques for individuals with autism spectrum disorder.

Éva Kovács-Bokor and Endre Domokos investigate the accumulation ratio of metal oxides, mainly lead- and zinc oxides within the main parts of the examined plants with phytoextraction processes and showing the positive effect on the decreasing of the metal content of the sludge-soil mixtures. The investigation was implemented with the collaboration of students, who gained practical knowledge in sample preparation, analysis and data evaluation.

Miklós Póth and Željko Trpovski shows how different parameters of the JPEG compression algorithm influence the performance of the compression.

Patrik Elter, Anita Sabo, Tibor Szakáll and Bojan Kuljic present an instrument used in EMC measurement on a training model and then to evaluate the measured results according to the given standards.

Petar Cisar and Robert Pinter give a general overview of some Kali attacking possibilities on client and server side and highlights their specificities.