

International Journal of Information and Education Technology

CONTENTS

Volume 15, Number 5, 2025

- Generative AI in an Educational Technology Course for Pre-Service Mechanical Engineering Educators: A Case Study867
Maria Moundridou and Nikolaos Matzakos
- AI-Powered e-Learning: Innovations, Challenges, and the Future of Education882
Ashraf Ali, Raja Muhammad Ishtiaq Khan, Danish Manzoor, Mohammad Abdul Mateen, and Mohammad Ayaz Khan
- Leveraging Algorithm Instruction with AI Chatbots: A Detailed Exploration of Their Impact on Students' Computational Thinking891
Mahesi Agni Zaus, Fivia Eliza, Cici Andriani, Oriza Candra, Siti Afiat Jalil, Anggun Agni Zaus, and Syaiful Islami
- Digital Gamification: Benefits and Challenges in Education902
Alexandre Pereira Tolentino, Edislei de Souza Santos, Sharon Elaine Gonçalves da Silva, Humberto Xavier de Araújo, and Diego de Castro Rodrigues
- Investigating the Factors Influencing Augmented Reality Adoption in Blended Learning Environments for Mechanical Engineering Degree Students at the University of Malta912
Christian Camilleri, Lawrence Farrugia Caruana, Sarah Pulé, Carlos Efrén Mora, and Liberato Camilleri
- Augmented Reality-Problem Solving Lab: Does It Foster Elementary Students' Understanding of Submicroscopic Phenomena in Physics?922
Ali Ismail, I. Isrokatun, Lasmita Sari, Demmy Dharma Bhakti, and Lula Dwi Kernalia
- The Impact of Using Mentimeter in Enhancing Reading Comprehension Skills of Tenth-Grade Students in Palestine930
Imad Aburub
- Exploiting Teacher-Mate Technology for College English Vocabulary Augmentation: A Cognitive-Constructivist Empirical Research937
Pengbiao Zhang and Fengjunzi Wang
- Evaluating the Effectiveness of Electronic Games-Based Learning in Enhancing Children's Multiplication Skills and Cognitive Achievement947
Ali Ahmad Al-Barakat, Rommel Mahmoud AlAli, Omayya M. Al-Hassan, and Yusra Zaki Aboud
- Effectiveness of SFL-Apps in Improving Students' Public Speaking and Confidence: A Psycho-Emotional Perspective955
Asmayani, Loso Judijanto, Virginia Rosa da Silva, Andi Subhan Amir, Dwi Yani, and Aidillah Suja

The Influence of Education Using Artificial Intelligence Technologies on the Formation of Moral Behavior and Self-Efficacy in Medical Students	965
<i>Nataliya Kasimovskaya, Elena Fomina, Olga Morugina, Olga Malkina, Mariya Zhukova, and Tatyana Biryukova</i>	
Interactive Approaches to Teaching English in the Framework of the “New Ukrainian School”	976
<i>Oksana Boiko, Olha Dolhusheva, Kateryna Shvets, Yuliia Nadolska, and Larysa Yepifantseva</i>	
Enhancing Content Marketing Design through Design Thinking and the TPACK Framework.....	988
<i>Jantakan Sathapornwachana, Komkrit Chomsuwan, and Sumalee Chanchalor</i>	
Exploring Long-Term Impact of AI Writing Tools on Independent Writing Skills: A Case Study of Indonesian Language Education Students	1003
<i>Herman Budiyono, Marzuki, Wiwik Pudjaningsih, Bambang Prastio, and Ahsani Maulidina</i>	
Media Platforms Utilization and Academic Performance of Bachelor of Arts in Literature Students in the Contemporary Adaptive Instruction	1014
<i>Jovie A. Martinez, Ma. Cristilina A. Montañez, Jessa C. Comaling, Jean F. Puerto, Angelita V. Romares, and Jay Ann G. Abrigana</i>	
Using Clustering Techniques to Understand Student Involvement in an Online Environment.....	1024
<i>Vandana Naik and Venkatesh Kamat</i>	
Development of Indonesia’s Digital Education Platform for Learning: Unified Model	1045
<i>Gede Arka Puniatmaja, Ni Nyoman Parwati, I Made Tegeh, and I Gde Wawan Sudatha</i>	
The Role of Mobile Social Media in Enhancing University Students’ Teaching-Learning Process	1061
<i>Abel-Enrique-Jesús Mujica-Paredes, Sandra Salazar-Palomino, Yersi-Luis Huamán-Romaní, Carlos-Alfredo Bocanegra-Garcia, Federico Kuaquira-Huallpa, and María-Inés Rivero-Aedo</i>	
Integrating Open Educational Resources with Design Thinking: An Instructional Design Model for Enhancing Innovator Competencies	1072
<i>Sitthichai Laisema and Eknarin Bangthamai</i>	
Construction of an Intelligent Teacher Assistant System Using the TPACK Framework and Machine Learning to Diagnose Work and Energy Misconceptions.....	1084
<i>Wawan Kurniawan, Sutrisno, Maison, Jefri Marzal, and Khairul Anwar</i>	