Special Issue

Technology-Enhanced Education for Engineering Students

Message from the Guest Editor

The integration of technology into education has revolutionized the learning landscape, particularly for engineering students. Given this background, this Special Issue explores the multifaceted impact of technology-enhanced education on engineering disciplines. It delves into innovative teaching methodologies, such as virtual laboratories, simulation tools, and online collaborative platforms, which have transformed traditional pedagogical approaches. This Issue also examines the role of artificial intelligence and machine learning in personalizing learning experiences and improving student outcomes. Furthermore, it addresses the challenges and opportunities associated with the adoption of these technologies, including accessibility, cost, and the need for continuous professional development for educators. By presenting empirical research, case studies, and theoretical analyses, the aim of this Special Issue is to provide a comprehensive understanding of how technology can be leveraged to enhance the educational experiences of engineering students, ultimately preparing them for the demands of the modern workforce.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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