

Topical Collection

Innovative Practices in Engineering Education: Concept and Implementation

Message from the Collection Editors

The few of the challenges of engineering education are “How to adapt and incorporate real-time projects/design problems in engineering practice?”, and “How to adapt the use of technology to enhance online teaching for distance learners?”. To address these problems, various learning and teaching approaches are adapted and implemented in engineering education.

The Special Issue is a significant work, which responds directly to issues that have been identified as crucial to the future of young graduates in engineering education. The concept and implementation of a learning and teaching approach is emphasizing major changes in student learning, academic teaching, and management issues.

The aim and scope of the Special Issue on transformation in education through innovative practices will attract students, to transform them into graduates, so as to be career-ready engineering practitioners. Drawing from various case studies around the globe, this Special Issue outlines the rationale and implementation of several recent innovative practices in engineering education and future directions.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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