



Innovative Practices in Engineering Education: Concept and Implementation

Collection Editors:

Dr. Siva Chandrasekaran

Department of Computing Technologies, School of Science, Computing and Engineering Technologies, Swinburne University of Technology, Melbourne 3122, Australia

Dr. Riyadh Al-Ameri

School of Engineering, Faculty of Science Engineering & Built Environment, Deakin University, Melbourne, VIC 3216, Australia

Dr. John Long

School of Engineering, Deakin University, Australia

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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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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