

Editorial

This issue of the IJEE (42-2) has two sections. The first is a Special Issue on: *Computational Thinking in Engineering Education for Addressing Complexity*. I would like to express my gratitude to Professors Inés Alvarez-Icaza, Luis Magdiel Oliva-Córdova José Luis Martín-Núñez and Rasikh Tariq for guest-editing this special issue.

The special issue has seven papers with the titles:

- Exploring Complex Thinking Competency within a Computational Thinking Digital Ecosystem: A Study Aligned with Sustainable Development Goals.
- How To Approach STEM in K12: A Hands-On Proposal for Teacher Training on Computational Thinking.
- Integrating Computational and AI Thinking in Computer Science Education: A Case Study of “Software Design and Architecture”.
- Model-driven Approach to Introduce Computational Thinking into Engineering Education: The STEM Perspective.
- Computational Thinking: Challenges for the Training of Future Computer Engineering Professionals in Colombia, a Systematic Mapping.
- Computational Thinking as an Instructional Model for the Development of Digital Competences: An Experience in a University SPOC.
- Development of Computational Thinking and Educational Equity in Engineering Students of Both Genders Through a STEM Educational Kit.

The authors are from institutions in: Spain, Canada, Peru, Colombia, China, Lithuania, Guatemala, and Mexico.

The second section has contributions addressing various topics in engineering education including: Creativity, Graduate Attributes, Manufacturing, Students’ Engagement, Well-Being, Sketching, Active Learning, Social Cognitions, Self-Efficacy, Marketspaces, Students Assets, Process Safety, Problem Solving, Entrepreneurship, Assessment, Biomedical Engineering, Laboratory Safety, After Class Learning, and Students’ Satisfaction.

The authors are from institutions in; USA, South Africa, Serbia, Colombia, Turkey, Saudi Arabia, and China.

I would like to express my appreciation to all the contributors and I hope the readers find this issue to be engaging and useful to read.

Ahmad Ibrahim